



# LIFE

FLUFFY  
RUFFLES

MAY 11, 1942 **10** CENTS  
YEARLY SUBSCRIPTION \$4.50





# How to get more out of your food dollar

HERE'S HOW DUPONT CELLOPHANE PROTECTS FOOD QUALITY



**1** In these days when conservation is the watchword and every dollar counts, your selection of food for your family takes on new importance. Is it fresh and full of flavor? Is it clean and sanitary? Can you see what you're getting? You can be surer of saying "Yes" to all these questions when you select products *protected* by Du Pont Cellophane.



**2** You can test the value you get from your food dollar at mealtime. The *extra flavor* and *extra freshness* preserved by Cellophane protection stimulate healthy appetites. When good food is eaten up, you know your family is getting needed energy—and that what you buy isn't wasted. Du Pont Cellophane helps you get your money's worth of food values.



**3** When you buy foods protected by Du Pont Cellophane, flavor is *kept in*, and deteriorating elements *kept out*. Your family's food has not been contaminated by handling—even though you can see what you buy. Cellophane protection helps prevent waste, safeguards quality, and helps you conserve food for the whole nation.



### CELLOPHANE CONSERVES PACKAGING MATERIALS

Light and thin, yet exceedingly strong, Cellophane conserves raw materials while giving maximum protection. It also aids in reducing transportation costs. These savings are important in wartime.



**PREVENTION OF WASTE IS A NATIONAL NEED**





*"Ask me about tires made with synthetic rubber..."*

*"I've had 'em on my car for months!"*

"SURE," continued the fire chief. "It was 'way last year when I first heard about tires made with Ameripol. The B. F. Goodrich Company wanted to find out how they would stand up in actual use, so I put a set on the car."

"So what happened?" asked the car owner.

"That's the point! Nothing happened," answered the fire chief. "Near as I can tell, they're no different than any other good tires!"

The next time the conversation turns toward synthetic rubber, you can tell

folks that it's far beyond the laboratory stage. For 15 years we have invested our time and money perfecting Ameripol.

Nearly two years ago we sold the first tires containing synthetic rubber ever sold in this country. More than half the rubber was synthetic.

Thousands of these tires were bought and road-tested by patriotic corporations and car owners who wanted to help B. F. Goodrich get America's synthetic rubber program started. Their performance was successfully proved.

If America has to declare its temporary independence of foreign rubber sources, you can probably look forward to riding on tires made with Ameripol some day.

Not next month. Very likely not next year. But some day. For many military purposes Ameripol is better than natural rubber. And military needs must come first, of course.

Remember, Silvertowns have always been high quality tires. And they always

will be, whether they're made with synthetic rubber or natural rubber!

#### TIRE INFORMATION HEADQUARTERS

Your B. F. Goodrich Dealer or Silvertown Store is Tire Information Headquarters for your neighborhood. Here you can get the answers to your questions about tires, or the tire situation. Even more important, you can get the advice and help of tire experts on how to get more miles from your tires. Your "B. F. Goodrich Man" is also qualified to make expert repairs, if needed.



#### How to make your tires last longer!

1. Maintain recommended or rated air pressure at all times.
2. Shift your tires from wheel to wheel every 5000 miles to insure uniform wear on all tires, including spare.
3. Don't take corners at high speed; that wears tires faster than anything else.
4. Never slam on your brakes—except to prevent an accident.
5. Have your wheel alignment, front and rear, checked regularly.
6. Don't drive too fast—for high speed heats up tires and hastens deterioration and wear.
7. Start up gently; do not spin your wheels and grind off rubber.
8. Do not bump into curb—no tire will withstand such abuse.

WRITE B. F. GOODRICH, AKRON, O., FOR FREE 48-PAGE BOOKLET  
"Will America Have to Jack Up Its 29,000,000 Automobiles?"



This One



5W7R-KU9-SS0E

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**CONSOLIDATED AIRCRAFT**—These four-engined LIBERATOR bombers, like the equally famous CATALINA and CORONADO flying boats, have long been in production at one of Consolidated's great factories. They are now rolling out in volume from a mechanized assembly line.



**DOUGLAS AIRCRAFT**—Designed as bombers, the Douglas airplanes shown above are highly versatile and have seen action as pursuits and night fighters as well. Hundreds of other Douglas planes, from dive bombers to giant transports, are streaming out from Douglas plants.



**VOUGHT-SIKORSKY AIRCRAFT**—KINGFISHER Observation Scouts were recently cited for their successful attacks on enemy submarines. Hundreds of them have been delivered to the Navy, and soon will be joined by quantities of the powerful Vought CORSAIR shipboard fighter.



**REPUBLIC AVIATION**—The Republic THUNDERBOLT with its 2,000-h.p. Pratt & Whitney engine, is being hailed as the Army's champion pursuit plane. Speed, range, altitude and blistering fire-power make the THUNDERBOLT one of the world's most formidable airplanes.

# First Line of

**A**MERICA'S *offense* against the Axis is already rolling on the production lines of the aircraft industry.

At the beginning of the emergency, this industry was ready with superior types of airplanes, engines and propellers. Its next responsibility was the immediate volume production of these types. The photographs on these pages show how well it has been meeting this responsibility.

Heavy bombers, medium bombers, dive bombers, fighters, pursuits, trainers and transports are streaming out from production lines in factory after factory to meet the 1942 goal. Vastly expanded, the industry is now expanding still further. At the same time, it is giving every possible assistance to other industries

★ The scenes pictured on these two pages show only a fraction of the rising output of the American aircraft industry.



**VULTEE AIRCRAFT**—The basic trainers shown above have been assembled on Vultee's pioneering mechanized line, and are ready for delivery to Army training centers. In another factory, Vultee combat airplanes are being rushed to completion for widespread use by the Allies.



# OFFENSE

in the conversion of their plants to help meet next year's goal.

In this production offensive United Aircraft is supplying engines and propellers by the thousands to nearly every major airplane manufacturer. Type after type of America's first-line fighting planes, including all those shown here and many more, are being equipped with either Pratt & Whitney air-cooled engines, Hamilton Standard propellers, or both.

## UNITED AIRCRAFT CORPORATION

EAST HARTFORD • CONNECTICUT



Pratt & Whitney  
Engines



Vought-Sikorsky  
Airplanes



Hamilton Standard  
Propellers

any others in the industry are helping to swell the tide, and  
any manufacturers are operating more than one factory. ★



**BOEING AIRCRAFT**—In bombing raids from Berlin to Macassar Strait the FLYING FORTRESSES have proved their mettle. These high-flying, hard-hitting Boeings are being produced in a number of plants, each equally impressive as the one above.



**BEECH AIRCRAFT**—Each of these Beech twin-engined trainers will be used to teach hundreds of bomber pilots. Especially designed for this task, they are helping to launch the mightiest offensive force in the world.



**NORTH AMERICAN AVIATION**—These fast North American medium bombers, lined up for fly-away delivery to the Army, combine speed, range and striking power. These airplanes are a small fraction of the output from one of North American's factories.



**LOCKHEED AIRCRAFT**—This assembly line is the birthplace of HUDSON bombers, long famous for their brilliant record in the R.A.F. On similar lines in the Lockheed and Vega plants, hundreds of LIGHTNING pursuits and VENTURA bombers are being built for the United Nations.



**GLENN L. MARTIN CO.**—The B-26 is one of the latest Army bombers to enter quantity production. Double Wasp engines drive it at a speed approaching that of the fastest pursuits. Other Martin planes in production include the BALTIMORE bomber and the Navy's MARINER.





**WHAT DID HE MEAN... "SEE PAGE 4"?**

HE WANTED YOU to read this ad, my dear... it's his way of telling you love will die, unless you learn the feminine secret of "double-protection" against offending! You see, it's no longer necessary to risk your daintiness with an unpleasant-smelling soap! Discover "double-protection" in your bath—right now, with one soap that's truly gentle and fragrant...



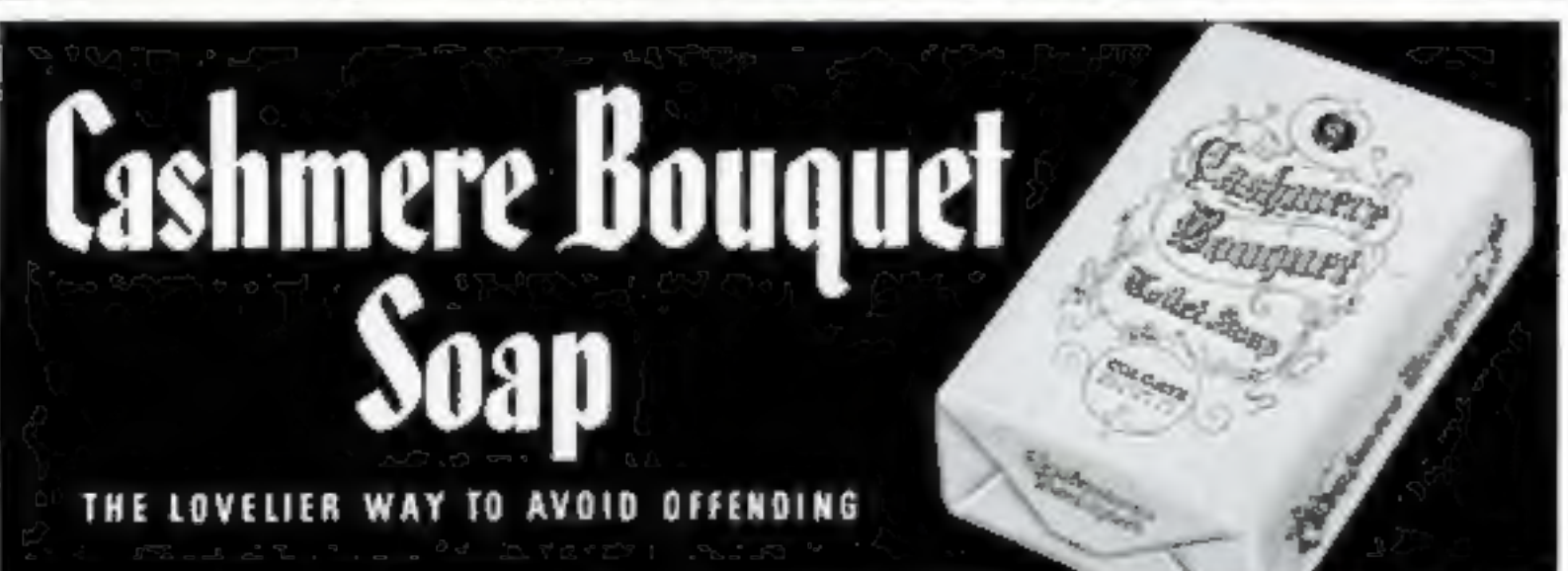
UMMM! HEAVENLY SUDS! HEAVENLY PERFUME! BUT WHAT IS "DOUBLE PROTECTION"?

IT'S THE TWO-WAY insurance of daintiness Cashmere Bouquet Soap gives you! First, Cashmere Bouquet makes a rich, cleansing lather that's gifted with the ability to bathe away body odor almost instantly! And at the same time it actually adorns your skin with that heavenly perfume you noticed—a protective fragrance men love!



THANKS FOR THE TIP! AND HERE'S ONE FOR EVERY GIRL! SMELL THE SOAP BEFORE YOU BUY...YOU'LL PREFER CASHMERE BOUQUET!

SMART GIRL! You appreciate the way Cashmere Bouquet leaves your skin soft and smooth... subtly alluring with the lingering scent of costlier perfume! And even if your face and hands are super-sensitive, remember Cashmere Bouquet is one perfumed soap that can agree with your skin! Be real smart... get Cashmere Bouquet Soap—today!



**Cashmere Bouquet Soap**

THE LOVELIER WAY TO AVOID OFFENDING

## LETTERS TO THE EDITORS

### WAR DAYS ON CORREGIDOR

Sirs:

I believe it should be compulsory for every American to read Francis B. Sayre's article, War Days On Corregidor (LIFE, April 20).

Congratulations on publishing such a timely and enlightening article.

CHARLES B. CHAPMAN

Los Angeles, Calif.

Sirs:

In the turmoil and fury of this unpredictable world in which some of us must for the present remain behind the actual battle lines, such articles as War Days On Corregidor deserve commendation as just the human expression that we need and need SO badly to keep kindled that spirit of FIGHT-SACRIFICE-WIN.

W. SHERWOOD WILMOT

Fairfield, Conn.

### CAT OUT OF THE BAG

Sirs:

For three months this city was thronged with American troops. Until Washington gave its O.K., no newspaper could breathe a word about the fact that they



### AD IN MELBOURNE NEWSPAPER

were here. A lot of good trade was going begging, so one store advertised its prices in dollars and cents. The censor ordered the ad out of the late editions. Then a cigaret-paper manufacturer flung this star-spangled spanner (an ad in the masthead in the upper corner of our front page) in the works, and got away with it (see cut).

D. E. GILES

The Herald  
Melbourne, Australia

### ENGLAND LOVES RUSSIA

Sirs:

I was overjoyed with the article, England Falls in Love With Russia (LIFE, April 20).

Maybe some of the people who so bitterly opposed Russia can get a good example from the British people and follow suit.

Let's see and hear more about Russia!

MRS. C. BARBUCK

Baltimore, Md.

Sirs:

Your story on the honors paid recently to the memory of Lenin in London brings to mind a tale which may or may not be apocryphal—but it's pretty good. After Lenin's death in 1924, a would-be biographer began checking on Lenin's activities during his London stay. Learning that Lenin had spent many hours in the reading room of the British Museum, the inquirer finally located one of the librarians who had worked there during that period. "Do you remember this man, Lenin, who used to study here?" he was asked. "Oh, yes," came the reply, "he was such a nice little man. Whatever became of him?"

HAROLD J. JONAS

New York, N. Y.

### TULSA PUBLIC SCHOOLS

Sirs:

I consider the article on the Tulsa High Schools (LIFE, April 13), one of the finest professional references on secondary education today. LIFE

magazine is to be commended for its insight and truly educational program.

ROMA GANS

Teachers College  
Columbia University  
New York, N. Y.

### "SLACK-CRAZY WOMEN"

Sirs:

"Men lose their pants to slack-crazy women" (LIFE, April 20) should be awarded the prize for the best title of the year. It so aptly describes the way men feel, who grudgingly suffer the passing of vests and cuffs to satisfy womanly fads which flare unabated even in wartime.

As Ogden Nash said:

"Sure, deck your lower limbs in pants;  
Yours are the limbs, my sweetie,  
You look divine as you advance—  
Have you seen yourself retreating?"

WILLIAM A. PELLETIER

Taftville, Conn.

Sirs:

I must admit that your cover girl looked lovely in slacks, but an average woman, 5 ft. 3 in. in height and weighing 140 lb., would look like a sack of potatoes.

JAMES HSIEH

Raleigh, N. C.

### PANTS IN FRANCE

Sirs:

Your picture of our nurses on Bataan in pants (LIFE, April 20) brings back memories of my own Army Service days in France during World War I. I am enclosing a snapshot of two of us nurses in pants and boots at Mars Hospital Center in the Loire River Valley, November 1918. Mud was so deep and rain so constant (washing facilities practically nil) that pants were issued us from the



NURSES IN PANTS, 1918

soldiers' supplies and the boots supplied by the Red Cross.

It was a deep dark secret, for we wore long raincoats buttoned down to the knees. But we "sneaked" the coats off behind our quarters and took pictures of each other.

MARY ELIZABETH CROSS

Alameda, Calif.

### BATAAN WOUNDED

Sirs:

The pictures of Bataan wounded were wonderful in timeliness to really give people the jolt and realization of suffering that is being endured over there by our boys, Americans and Filipinos, and those valiant women, our nurse corps.

The sight of the exposed wounds and suffering people, and yet the carry-on smiles of the men able to sit up in their cots! The pain of them and the bravery of them all must hit everyone in the pit of the heart, as it did me, and make everyone set their jaws with more determination than ever to work without stinting, to forget their luxuries and conveniences.

MRS. C. GERSTON

Detroit, Mich.

Sirs:

The photograph of the doctor operating should be entitled "Overtime" and framed and hung in every factory in the United States of America.

SIDNEY HUGHES JR.

Pasadena, Calif.

(continued on p. 6)



# COUNT *THIS* ARMY IN!

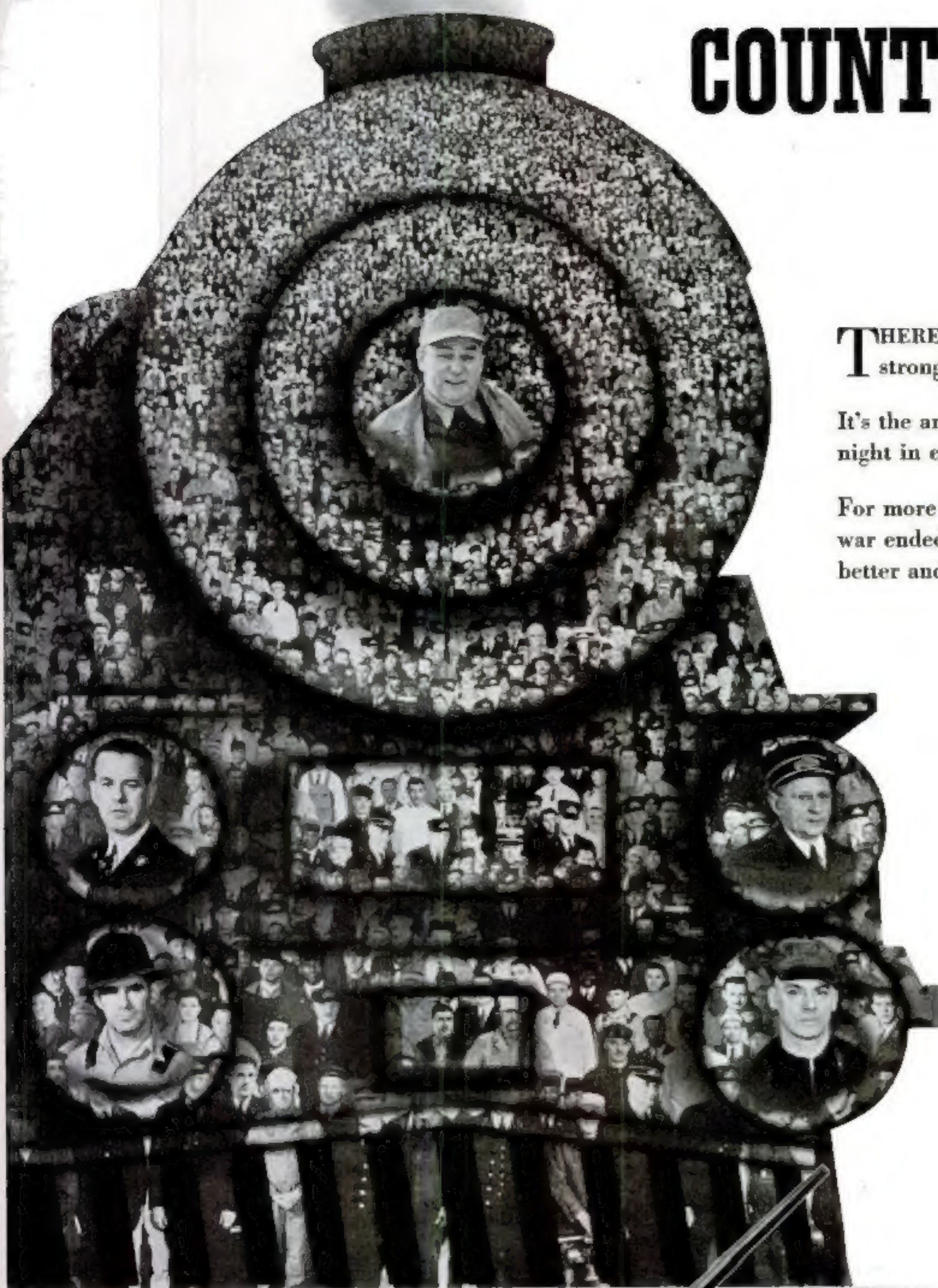
**T**HERE'S a trained army more than a million strong working to back up the men in uniform.

It's the army of railroad men, on duty day and night in every state in the Union.

For more than twenty years—ever since the last war ended—this army has been supplied with better and better equipment. And railroads, military authorities and shippers have worked out plans to get more service out of each piece of equipment—to get the most use out of every facility of the world's greatest transportation system.

That's why this railroad army is meeting emergency demands—why, for every minute of the day and night, it is moving *a million tons of freight a mile*—an all-time record for this or any other transportation system in the world.

All this veteran army needs, to meet future challenges, is a flow of new equipment great enough to match the rising tide of America's war production.



ASSOCIATION OF  
**AMERICAN RAILROADS**

WASHINGTON, D. C.



BARBARA STANWYCK says

"There's a woman like me in every great man's secret life!"

... as she describes what critics say is her greatest performance, in Paramount's "THE GREAT MAN'S LADY" Co-starring Barbara and Joel McCrea.



BRIDE OF THE STORM  
in the arms of  
the Silver King!



QUEEN OF THE  
GAMBLING HALLS...  
most notorious woman  
on the Barbary Coast!



MEN LOOKED INTO HER EYES  
... and were forever caught!

Adventuress?

Yes, you could call me that if tossing aside a world of luxury to ride with my loved one into the trackless wilds of the Old West is being an adventuress!

Gambler?

Yes—you could call me that, too...for I was Queen of the Gambling Halls in old San Francisco—while my secret love strode on to empire!

Cheat?

No! Although I played one man against another, there was only one—the Great Man—whose love was publicly denied me!

BARBARA STANWYCK and JOEL MCCREA  
"The Great Man's Lady"  
with BRIAN DONLEVY • Produced and Directed by WILLIAM A. WELLMAN  
Screen Play by W. L. RIVER • Original Story by Adela Rogers St. Johns and Seena Owen  
Based on a Short Story by Vina Delmar • A Paramount Picture

CHECK these Great Paramount Hits...Coming Soon!

★"MY FAVORITE BLONDE," starting your favorite stars Bob Hope and Madeleine Carroll.

★"THIS GUN FOR HIRE"... with the team that will set the world on fire... Veronica Lake and Alan (remember his name) Ladd!

ASK YOUR THEATRE MANAGER WHEN THIS BIG PARAMOUNT HIT IS COMING

## LETTERS TO THE EDITORS

(continued)

### ADMIRAL EVANS' ERROR (CONCL'D)

Sirs:

It is an interesting story that Walter R. Carter tells in your letters column (LIFE, April 13), of Rear Admiral Robley D. Evans taking the American Fleet into Yokohama and finding that one of his former cabin boys was a Japanese admiral.

The only trouble with the yarn is that Admiral Evans was not in command of the American Fleet at that time having been relieved of duty before the Fleet crossed the Pacific. Rheumatism caused by old Civil War wounds was the cause of his relinquishing his command.

It must have been a couple of other fellows.

CHESTER A. GILE

Minneapolis, Minn.

Sirs:

I was a seaman on the U. S. S. Rhode Island on that cruise... "Fighting Bob" Evans' steward was a colored man by the name of John Palmer.

HOMER J. PROVONCHE

Grand Rapids, Mich.

Sirs:

In the first place, Admiral "Gimpy" Evans' steward and cabin boy were both Filipinos... I was there at the time....

P. B. EAMES

Lawrence, Mass.

Sirs:

I got such a thrill when I read of Admiral Evans' error.

My father was with the Fleet on its goodwill tour in 1907 and told us this true story years ago. He remembers seeing this Jap with his own eyes and he was thrilled to see this story in LIFE which is very, very true.

PARKER B. RICE

North Sacramento, Calif.

● It's a good story anyway.—ED.

### JANET BLAIR DEPARTMENT

Sirs:

After we girls had our beach party and rollerskating date with a group of soldiers from Camp Callan, we were thrilled to find our pictures in "LIFE Goes to a Party" (LIFE, April 27), looking so natural that we almost felt we were back at the party again.

It was nice of you to mention that I am appearing in Two Yanks in Trinidad



JANET BLAIR (LEFT) & FRIENDS

for Columbia. But why didn't you mention Universal's Broadway, my new picture, too, because three of the girls at the beach party—Dorothy Moore, Iris Adrian and myself—had just finished playing in it. Here we are in a scene from it. We think it is the best picture we've ever been lucky enough to make.

JANET BLAIR

Hollywood, Calif.

## "AMERICA CAN COUNT ON ME NOW!"



"It took a war to make me pay attention to my eyes. With all the important new work I had to do, my constant tired-out feeling worried me. Yet, I never realized poor eyesight might be the cause."



"Then I got wise—and had my eyes examined. What a difference with my new Soft-Lite Lenses. I'm turning out twice the work I ever did before, and I'm not dog-tired when the whistle blows, either! I'm doing my full share now."

### WHAT ABOUT YOUR EYES?

You owe it to yourself, to your job, and to your country to be certain that poor eyesight is not slowing you down. Even if you now wear glasses, have your eyes examined. You may have outgrown your lenses, or today you may need the extra protection that Soft-Lite Lenses provide against glare. These modern lenses filter out glare, absorb excess brilliance, restore normal eye comfort. They are ground to your own prescription, and are flesh-toned, better looking. Ask about them when you have your eyes examined!

There is only one Soft-Lite—identified by this certificate.

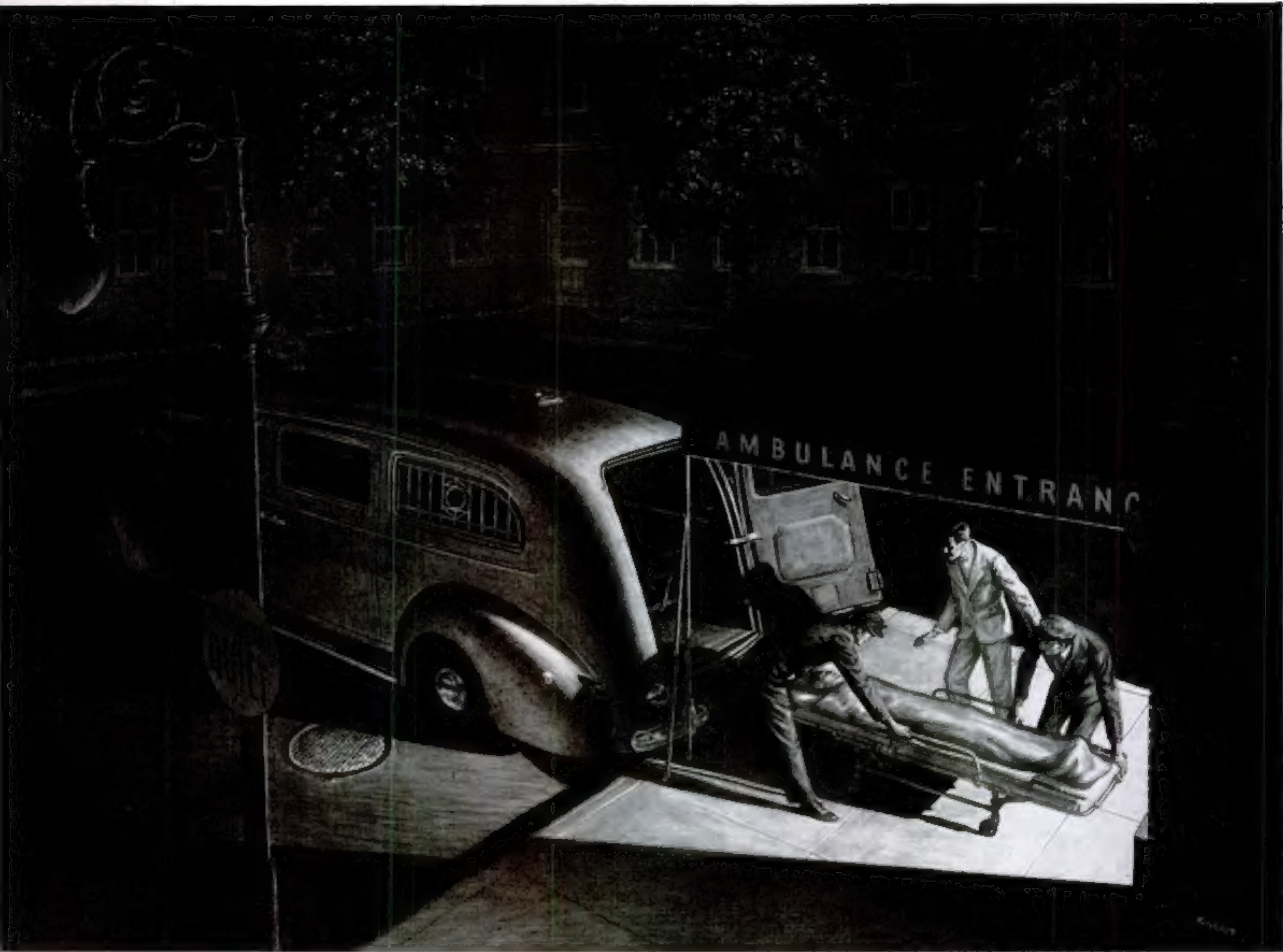


Soft-Lite Lenses

Soft-Lite Lenses are made by Bausch & Lomb solely for the Soft-Lite Lens Company, Squibb Building, New York, N.Y.

BUY DEFENSE BONDS FOR VICTORY





## Through fire, flood, epidemic . . . and now War

**B**EING PREPARED for disaster has always been part of your hospital's everyday job.

If you think back over the years, there has not been a major catastrophe . . . fire, hurricane, flood, or epidemic . . . that has caught the nation's hospitals off guard.

And today—as we face the possibility of an emergency greater than any we have known in the past—it is reassuring to learn that our hospitals are not merely standing by, wondering what to do about it.

You will find it comforting to discover how thoroughly they have prepared for the emergency demands

they may be called upon to meet.

In anticipation of air raids, for example, many hospitals have already taken such precautions as installing auxiliary light, water, and sewage systems. Plans have been worked out, complete down to the last detail.

There will be ample X-ray equipment, bandages, and other medical supplies. Doctors, nurses, and other trained personnel can be counted on to extend themselves to their utmost in caring for the victims.

Yet, planning for possible war-time emergencies is only part of a *two-fold* job being done today by the administrators of our hospitals.

While preparing for what *may* come, they have also acted promptly and resourcefully to maintain their normal everyday efficiency in the face of new problems.

And so, in an America at war, you will find that our hospitals are fully measuring up to their responsibilities—as they always have.

May 12th is National Hospital Day. This annual observance, sponsored by the American Hospital Association, is intended to remind you of the vital service your hospital performs . . . to assure you that it will continue serving

your community, twenty-four hours a day, whatever happens.

Copyright, 1942, Parke, Davis & Co.



**NATIONAL  
HOSPITAL DAY  
MAY 12<sup>TH</sup>**

**PARKE, DAVIS & COMPANY** DETROIT, MICHIGAN

★ BUY U. S. WAR SAVINGS STAMPS AND BONDS ★





**Worcester, Mass. 1850's.** This private residence has a large porch which extends around three sides of the house and an intricately carved gabled roof and spire which fit the house like an old hat.



**Bridgeport, Conn. 1850's.** This house is now an Art League. Its type used to be erroneously called "Italian Villa" by Americans who thought it resembled the homes of Italian nobles.

## ***SPEAKING OF PICTURES . . . ... THESE AMERICAN GOTHIC HOUSES WERE FUN TO LIVE IN***



**Manchester, N. H. 1860's.** This brick house, shaped like a box, now serves as the office of a secondhand car dealer. One of his cars is visible at left. Note high, narrow windows typical of period.



**Adams, Mass. 1860's.** This home is a "gingerbread" adaptation of French grandeur under Napoleon III. The roofs of these houses were so complicated that they resembled wedding cakes.



**Keene, N. H. 1860's.** This French-style home has the slate roof and iron grillwork of the period. Inside children had a fine time playing in the dark corridors and searching for secret panels.





**Lounimster, Mass. 1860's.** Like most of these houses, this one has a high tower. These towers served as wonderful hide-outs when the children of the family played "cops and robbers."

These are examples of American Gothic houses which flourished chiefly in the North from the 1850's to 1880's but which are now fast being torn down or modernized. Profits from new railroads in the West and new factories in the North built them. But while the money was American, the designs were foreign adaptations. Americans, "touring Europe" for the first time, came

home anxious to reproduce the medieval and the picturesque. Piazzas, bays, stained-glass windows, mansard roofs, portecocheres and "coopilows" became the rage. Undoubtedly many of the houses were unsightly. But at their worst, they were spacious, and at their best, they contained a gracious way of living. In one such house in Brick Church, N. J., Eleanor

Alexander, who married Theodore Roosevelt's son and namesake, grew up. Last summer while her husband, Brig. General Theodore Roosevelt Jr., was with the Army in New England, she saw these homes. Reminded of the fun she had had in similar houses as a child, Mrs. Roosevelt decided to photograph them before they vanished completely from the crowded American scene.



**Athol, Mass. 1870's.** This French-style home has many bay windows and the designer attached a stable (left) to the house like a shirttail. The sun porch at the right is probably an afterthought.



**Manchester, N. H. 1870's.** "The Willows" is known for its garden statuary (see p. 11). The towers on these homes, which often resembled turrets of forts, made a man's home his castle.



**Rutland, Vt. 1870's.** This mansion, now the Crestwood Hotel, bears a casual resemblance to the Louvre. Critics have since called this period of American architecture "The Reign of Terror."



**Lowell, Mass. 1880's.** This residence is an example of Victorian Gothic. The telltale Gothic spire has come a long way from medieval Italian cathedral steeples from which it is derived.



**Manchester, N. H. 1890's.** This mansion, which looks like a French chateau, was the home of the late Governor Charles M. Floyd. In this period sandstone replaced wood as a sign of opulence.



# ME

Mike Anders . . . that's me.

Married. You bet . . . four kids.

Age . . . forty-three.

And a first class mechanic . . . airplane assembly.

And tired out. AND how! . . . after another overtime shift on the "line." But still thinking

\* \* \*

Thinking about how to do more work.

This country's been good to me. I can't let this country down.

\* \* \*

Today the big boss said we men could produce more work if we relaxed properly when we went home. He said that's been proved by people who study those things.

\* \* \*

So . . . tonight I relax. I'm going to forget all about the plant and the machines. But I'm going to take it easy, too.

I'm going to sit on the porch and watch the kids play ball. I'm going to have a glass of nice, cool beer. Will that taste good! And it sort of eases the strain, too. Beer always helps me relax.

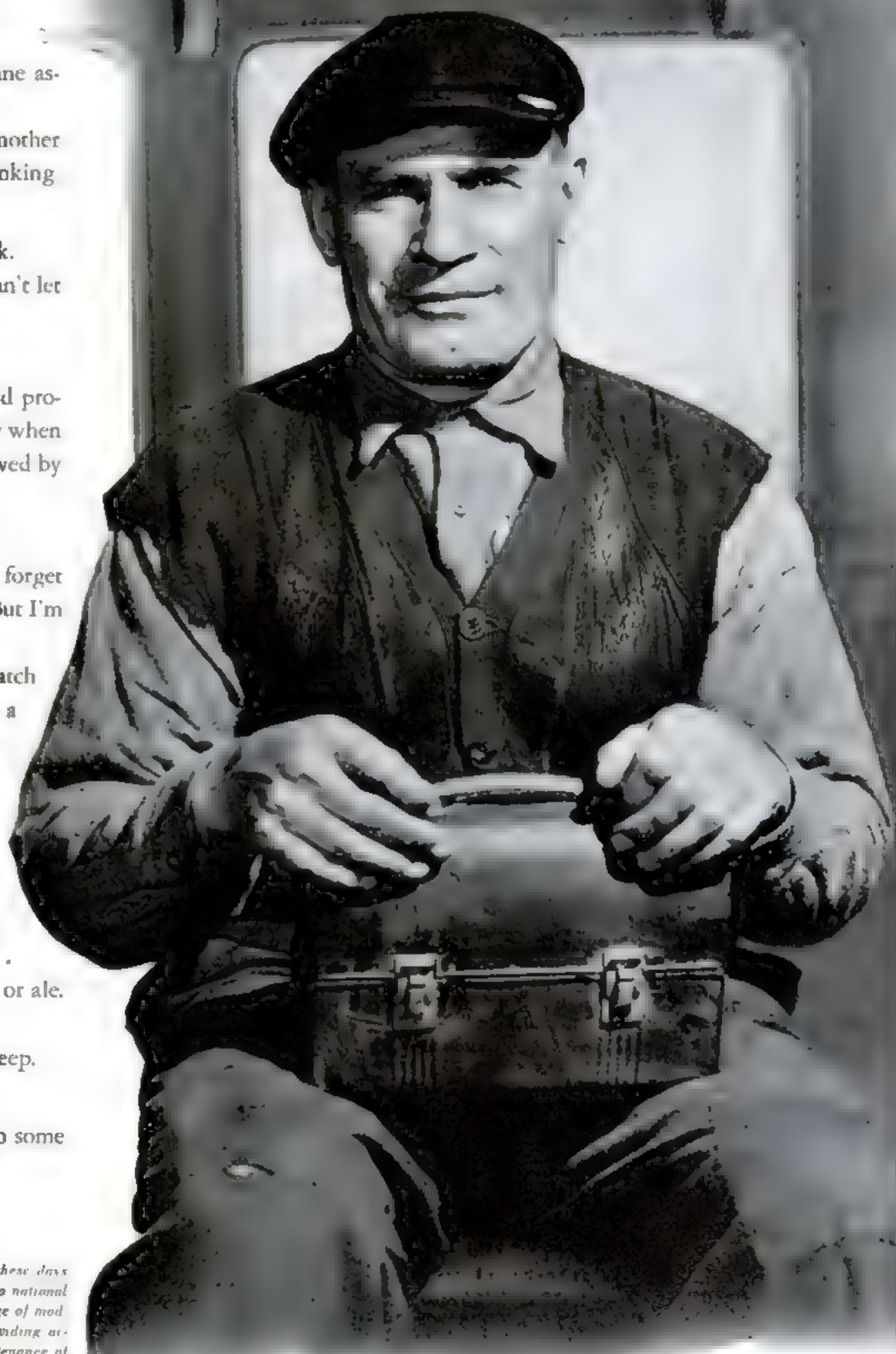
\* \* \*

Later, after supper, I'll get together with a couple of friends. For a quiet, sensible evening. Lots of good talk . . . and maybe another glass of good beer or ale. We'll take it easy.

And then I go to bed and get some sleep.

\* \* \*

Tomorrow I'll show them how to do some *real* work . . . for Uncle Sam.



*By providing wholesome relaxation in these days of stress and strain, Beer contributes to national morale. To protect beer . . . the beverage of moderation . . . the brewing industry is providing active industry cooperation in the maintenance of wholesome conditions wherever beer is sold. An interesting, free booklet tells about this important "Clean-Up or Close-Up Program."*

*Write: Brewing Industry Foundation, Dept. A16, 21 East 40th Street, New York, N. Y.*





## SPEAKING OF PICTURES

(continued)



Cast-iron figures decorated lawns of many American Gothic homes. At "The Willows" in Manchester, N. H., a breezily clad Greek lady moves across the lawn with an urn in one hand and a goblet in the other. Gardens were often star- or crescent-shaped.



Another "Willows" figure shows a Greek huntress and her American dog. In this anachronism paint was applied to the iron so that the dog is tan and the huntress' robe is red. Victorians highly favored statues of Nubian boys for use as hitching posts.

# I've Got a Date For Life!

**HAVE YOU?**

If you haven't, take a bride's advice . . .  
**Avoid Bad Breath!**  
**Use Colgate Dental Cream**  
-- the toothpaste that cleans your breath while it cleans your teeth!



YES, SCIENTIFIC TESTS PROVE CONCLUSIVELY THAT IN 7 OUT OF 10 CASES, COLGATE DENTAL CREAM INSTANTLY STOPS ORAL BAD BREATH

And Colgate's has a soft, safe polishing agent that cleans enamel thoroughly, yet gently—makes teeth naturally bright, sparkling! Besides, Colgate's delicious, wake-up flavor makes it a favorite with children and grownups alike.

COLGATE DENTAL CREAM, you see, has an active penetrating foam that gets into the hidden crevices between your teeth—helps clean out decaying food particles and stop the stagnant saliva odors that are the cause of much bad breath.



IT CLEANS YOUR BREATH WHILE IT CLEANS YOUR TEETH



IF IT'S KISSIN' YOU'RE MISSIN'—TWICE A DAY—AND BEFORE EVERY DATE—USE COLGATE DENTAL CREAM



## "Going to Town! A Winner!"

THAT'S THE RATING HANDSOME HAIR WINS YOU!



Keep your Hair a Business and Social Asset with

# VITALIS

and the

## "60-SECOND WORKOUT"!

**30 Seconds to Rub**—Just feel that stimulating "tingle" as circulation quickens—the flow of necessary oil is increased. And with the pure vegetable oils of Vitalis supplementing natural oils, your hair takes on a fresh, natural lustre.

**10 Seconds to Comb**—Your hair stays neatly in place—no "patent leather" look. And what's more, the Vitalis "60-Second Workout" routs embarrassing loose dandruff—helps prevent excessive falling hair—helps you keep your hair



All the world loves a winner—respects him—admires him. So pitch your personal prestige high! Let the Vitalis "60-Second Workout" turn you out looking your best—with well-groomed, handsome hair giving your personality and prestige a lift—speeding you to success!



Your social popularity and your business success alike depend on the personal impression you make. So let the Vitalis "60-Second Workout" help you to register a winning impression fast—with handsome hair stepping up your personality. Get Vitalis at your druggist's.

Product of Bristol-Myers

**USE VITALIS AND THE "60-SECOND WORKOUT"**

## LIFE'S REPORTS

### TARGET FOR TOMORROW

*The author of the accompanying article is a distinguished Wing Commander in the R. A. F. Asked by LIFE to contribute his views on the future world which he is helping to create, he agreed to do so only on condition that his name be withheld*

When you look into the dead, unrecognizable face of a friend, when you attend the memorial service or funeral of your eldest son; when you wonder how your fiancé died—don't you ask yourself, "What are we fighting for?"

In the last war we used to talk of building "a world fit for heroes to live in." This time let us cut the talk and simply get on with building a world fit for everybody to live in. It is simple. It must be done.

Once upon a time the world was in such a state that each man had to defend his mate and his property with his own right arm and an ax or club. He found that it was bad for his nerves and that he got killed too often, so he joined up with others to form a tribe. Within the tribe law and order were agreed upon, a boss was chosen and an armed section of the tribe applied the law and order for him. This idea grew from tribes to communities, until today we have reached a stage in the progress of man where Congress or Parliament is the boss, and the law and order is applied by the police force.

Now, all this has been brought about by the application of a single principle—the "Principle of Forced Goodness." The law would become a joke if the police were not in existence. Without police some citizens would simply break a few traffic laws, others might lapse into a little kleptomania. Similarly, the nations must be subjected to forced law and order—forced by an international police force. There is an international gangster at large right now. We must apprehend or destroy him. And further, we must provide an instrument to enforce permanent order on the nations.

We must have an Interna

CONTINUED ON PAGE 24



### Keep "thumbs up" with WEBSTERS

Even the patriotic grind of war industry must have its interludes of cheer. There's no uplift like the fragrance of a Webster cigar!

That Webster is "tops" in its class is evident from its meteoric gains in popular preference. In 1941 Webster's rate of gain was

86.7% greater than that of the entire cigar industry's 10-to-15c brands as a whole.

Connoisseurs say that even high-priced imported Cuban cigars do not excel this cigar's

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# LISTENING IS HIS BUSINESS!

ONE OF THE most encouraging signs of progress in the nationwide fight for better hearing is the growing recognition of a man's obligation to hear! Up to a few years ago, the feeling was rather general that if a man's hearing was unsatisfactory it was unfortunate, but after all it was *his* loss, and if he didn't want to hear better, that was *his* business.

But gradually that feeling has given way to the realization that hearing is a *social* sense, and that other people in a hard of hearing man's life have a *right to be heard!*

Business has recognized this "right to be heard" more promptly perhaps than most individuals have, because employers driving to reach new war production levels, have seen what one man's loss of hearing can do to other men's efficiency.

Take, for example, the reaction of Mr. J. E. Cain, executive vice-president of P. R. Mallory & Co., in Indianapolis. The hearing of his employment manager, Mr. D. H. Giffin, had been slipping for over 30 years, but Giffin, in his own words, was "too bull-headed even to try a hearing aid." That was the individual's reaction. He just wouldn't wear a hearing aid.

But with a larger eye, Mr. Cain, as the operating head of a war plant, saw that Giffin *owed* hearing to every man in the Mallory plant. Those 2,000 men depended on "Giff." He hired them . . . watched over them. They came to him for advice on personal matters. He organized their sports, picnics, Christmas parties, social affairs. Altogether, he touched the lives of nearly 5,000 people. And he was a vital force in the happiness of that great Mallory family. But his business was *listening!* To help them he had to be able to hear them.

In these desperate days when America needs every citizen's unstinted efforts, it is wanton, selfish waste for any man to let his personal efficiency slip because false pride makes him hesitate to wear a hearing aid. And it is so utterly needless, too, because as a result of Sonotone's scientific research of the past 12 years, the audicle has been given new clarity, power and wearability in a mere fraction of its former size. Nearly 85% of today's hearing troubles can be helped. And with present-day audiometric fitting equipment available in 135 Sonotone offices, a Sonotone can be individualized to a man's specific hearing needs almost anywhere in America.

Giffin telephoned the Indianapolis Sonotone office, and that very same day Consultant F. J. Feeney fitted him with a Sonotone.

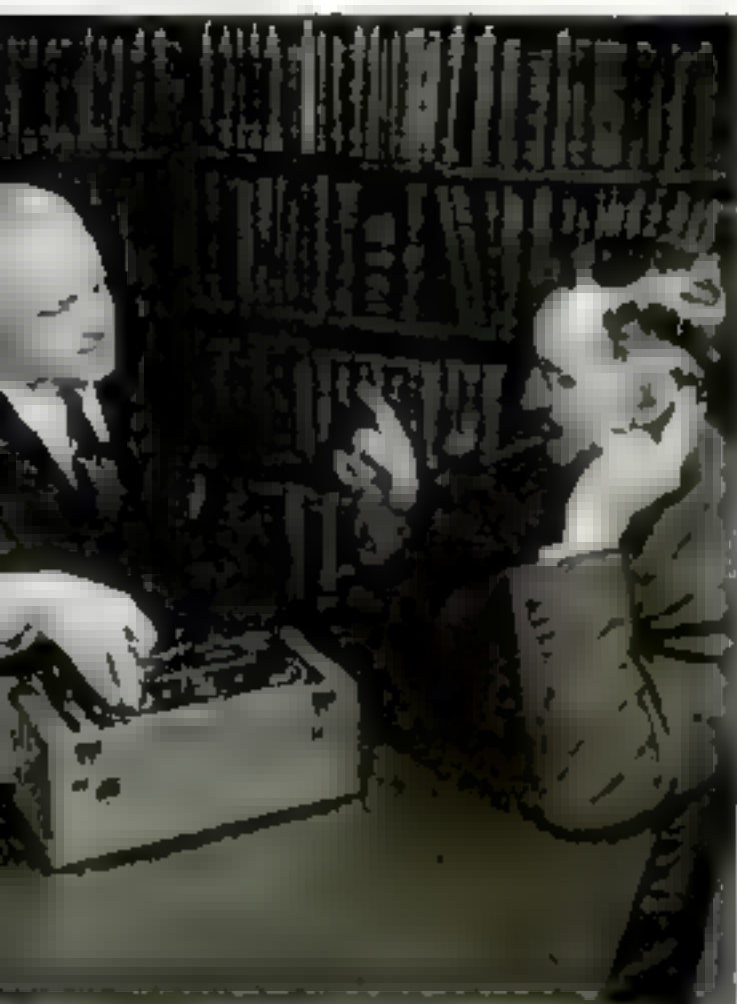
Giffin had been having increasing difficulty in hearing ordinary conversation in his office. The easier hearing his Sonotone gave him soon made his daily interviewing of applicants far less of a nerve strain.

It was so hard to hear in the many plant meetings with foremen and executives, Giffin used to dodge them. Now, thanks to his improved hearing, he welcomes them and his office is busy all day.

Busy with the details of caring for 2000 employees, Giffin says he had no idea a hearing aid could do as much for a man as Sonotone has done for him.



When D. H. Giffin, (right) employment manager of P. R. Mallory & Co., Indianapolis, asked J. E. Cain, the Company's executive head, if he thought a Sonotone would help him, it took him off his feet when Cain exclaimed . . . "Why, Giff, I'm so much in favor of your wearing a Sonotone that I'm going to give you one!" Cain saw in Giffin, who hired the Mallory men, fathered and advised them, organized their sports, picnics and parties, too great a force for war-time plant morale to let him stay handicapped by hearing troubles.



"Giff's" pride and joy is Mallory's star baseball team, repeatedly City Champions. More than 80% of Mallory employees are active in organized sports.



One of the most fascinating sights in the great Sonotone research laboratories at Elmsford, N. Y., is the making of the tiny vacuum tubes used in Sonotones. These miniature tubes look as if they were intended for a radio in a doll-house, but for thousands of people they have been the means of tuning in anew on a more active life. This laboratory is the largest in the world devoted exclusively to making vacuum tubes for hearing aids.



For information on Sonotone, look in your local phone book under SONOTONE for the address of the nearest of Sonotone's 135 offices. Or write Sonotone Corporation, Elmsford, N. Y. In Canada, write 229 Yonge St., Toronto, and in England, 144 Wignmore St., London, W. I.







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- |                                       |   |
|---------------------------------------|---|
| ★ WASH IN TEPID WATER—<br>NEVER HOT   | ★ AVOID DIRECT SUN WHEN<br>DRYING         |
| ★ USE MILD SOAP CHIPS<br>OR FLAKES    | ★ DON'T USE CLOTHESPIN—<br>HANG OVER LINE |
| ★ NEVER RUB BLANKETS—<br>DOUSE 'EM    | ★ STRETCH BLANKETS OFTEN<br>WHEN DRYING   |
| ★ RINSE THREE TIMES IN<br>FRESH WATER | ★ NEVER IRON—<br>JUST FOLD WHEN DRY       |

★ STORE BLANKETS IN MOTH-PROOF WRAPPING

## NORTH STAR BLANKETS

*North Star is a trademark of the North Star Woolen Mill Company, Minneapolis, Minn*

## LIFE'S REPORTS

(continued)

tional Congress or League of Nations, and we must have an instrument to apply the international laws agreed upon—an International Law Force.

The opportunity for creating such an organization will soon be ours. When this common murder is over, the world will have at its disposal men already trained and materials already dispersed ideally ready to start an International Police Force. If our politicians do not grasp this opportunity, no punishment or curse could be too great for them. It can and must be done—and let it be done well.

The details of such a large organization are voluminous—but the outline is obvious.

There should be three arms—the Sea Force, the Air Force and the Land Force. Within the bounds of any one country the commander of each arm should be of a different nationality, and not of the nationality of the country.

As a safeguard against subversive action by the Law Force, a system of inspection, both resident and itinerant, is obviously necessary. And there must be nothing secret.

The language difficulty can be overcome in the International Law Force, and the whole world would thereby benefit. The adoption of one language throughout the Law Force would constitute a tremendous step forward toward a universal language, and the better understanding that will go with it. The choice of the language to be adopted is a problem that must be tackled firmly. English is the answer. It may have its imperfections, but it is the unavoidable choice. It is by far the most widely used language in the world today, and the law "survival of the fittest" dictates its continued expansion. The psychological effect of language is admitted. English is neither over-harsh nor over-sentimental; it combines strength and moderation.

The proportion of participation of each country in the scheme must be carefully decided. It is assumed that, for purposes of prestige, each will wish to participate to a large proportion. An equitable formula must be devised, based on a true evaluation judged by worldly standards. These standards can be



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## POLYMERIN

*makes products last longer*

## LIFE'S REPORTS

(continued)

summarized as men, mentality and materials. The following is therefore suggested.

Percentage Participation =

$$\left( \frac{P}{P} \times \frac{pr}{PR} \right) \frac{100}{2}$$

When  $p$  = population of the country,  $P$  = population of the world.

When  $pr$  = productivity of the country,  $PR$  = productivity of the world.

The productivity factor  $\frac{pr}{PR}$

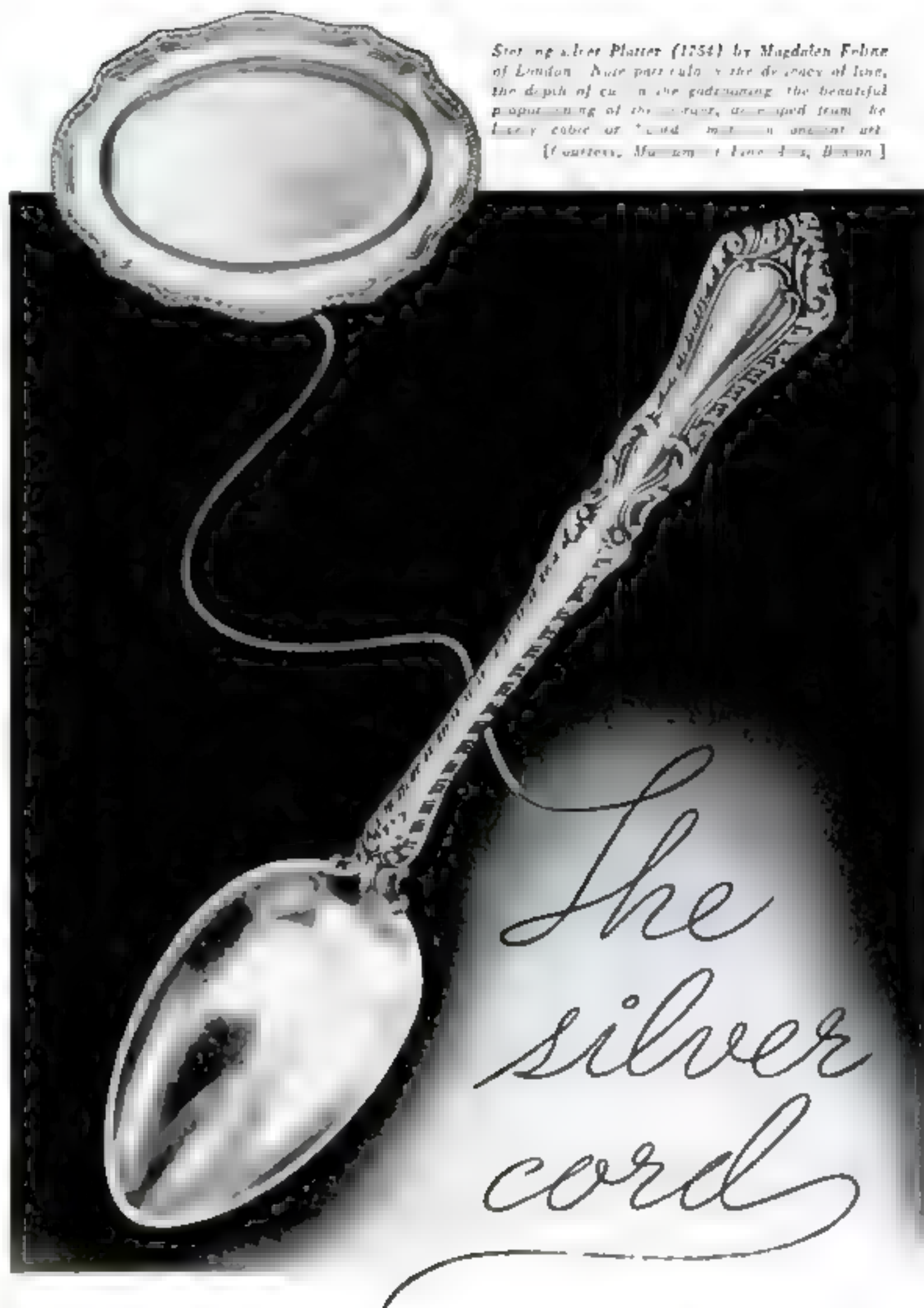
is the only one on which there might be argument, but the economic statistics now available should go a long way toward solving this problem.

In any case the percentage in which a country participates in the Law Force would apply to the financial contribution it makes toward the upkeep of the Force, to its personnel employed in the Force, and to the materials and/or food sold to it.

Antagonists to the scheme will, no doubt, loudly proclaim: "It is impossible. You cannot get everybody to participate." To these pessimists I would repeat that the principle is *Forced Goodness*. If Bill Sykes is so misguided as to object to paying his share of the tax necessary for the upkeep of the local police force, it makes no difference. He still has to pay. Similarly, nations must be forced—for the good of the world—to participate. Force of arms will not be necessary. Economic necessity will prevail.

Now there is one more argument against this scheme of international law and order which must be examined. Even among good men there is the fear that such a scheme would jeopardize nationality. This is not so. The identity of a village in Wales is not destroyed because of its participation in the government at Westminster. Nor yet is a State such as Texas in any way belittled by participating in the United States of America. So then, pride of nation will continue. But it will not be able to run riot!

The scheme of law and order is an old idea. It is logical and obvious. The cursed war which is tearing the hearts of millions of people is our golden opportunity for fulfillment. And out of this war will be forged men of courage and strength to grasp this opportunity.



*Silver plate Platter (1754) by Magdalen Fehne of London. Note particularly the delicacy of line, the depth of cut in the gadrooning, the beautiful proportioning of the handle, designed from the luxury cabinet of "Louis XV" in an elegant and [unclear] manner. Museum of Fine Arts, Boston.]*

*The silver cord*

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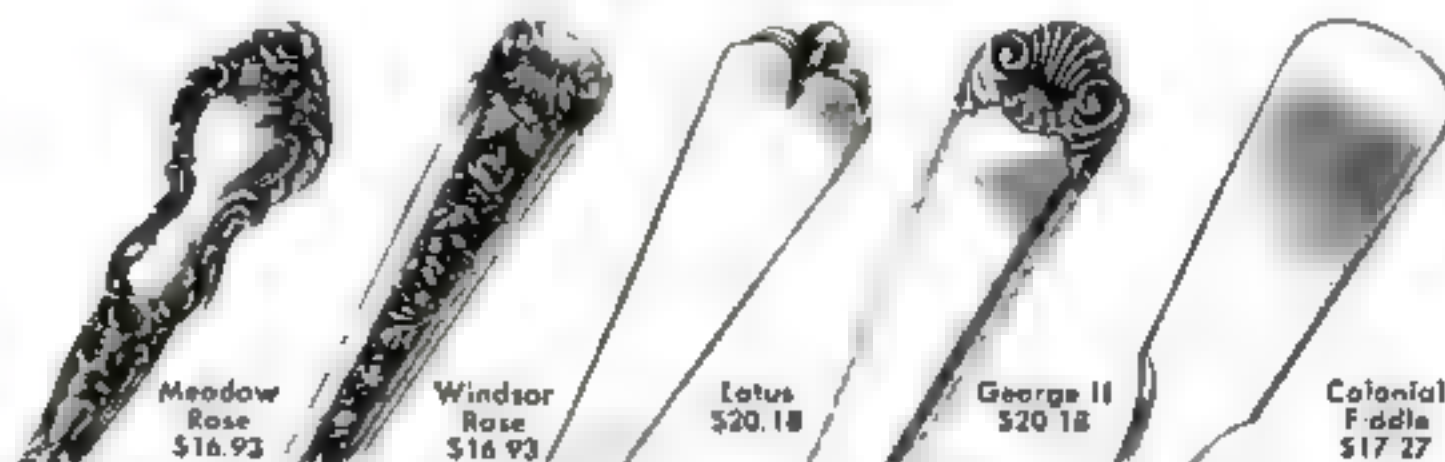
Yet compare the new Foxhall pattern by Watson with this lovely old masterpiece... see how carefully Watson craftsmen have brought the silver cord motif, in all its antique beauty, down through the years to you.

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ling has the beauty of museum silver, because for 66 years Watson silversmiths have been recreating old masterpieces like the Feline platter for connoisseurs of fine Sterling. When these men turned to the making of flatware—knives, forks and spoons for your table—they made Sterling of such artistry that it is unexcelled anywhere today! Be satisfied with nothing less in the Sterling silver you'll use for a lifetime!

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## LIFE'S COVER



Like a vision from 1907 is very modern 19-year-old Joan Caulfield on this week's cover. Joan is a product of New York's progressive Lincoln School and Columbia University where she studied dramatics. She has been modeling for two years, first appeared in print in the Sept. 30, 1940 issue of LIFE. It took Joan nearly two years to become a LIFE cover girl. In this cover picture she is a dead-ringer for Fluffy Ruffles, the Wallace Morgan comic-strip young lady who wowed the gents from 1907-1910. For other fluffy-ruffle blouses, see pages 62-64

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## LIFE'S PICTURES

Last September LIFE Photographer Ralph Morse covered his first battle—the great sham warfare waged by the U. S. Army in Louisiana (LIFE, Oct. 6). Only a few months later Morse, teamed with LIFE Reporter John Field, was to leave the U. S. for the real fight. Based at Honolulu, he is covering U. S. task forces there and watching Hawaii as it lives its real-war life. What he has seen of this is shown in the essay, Hawaii At War, on pages 89-97.

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources credit is recorded picture by picture (left to right, top to bottom), and line by line (lines separated by dashes) unless otherwise specified.

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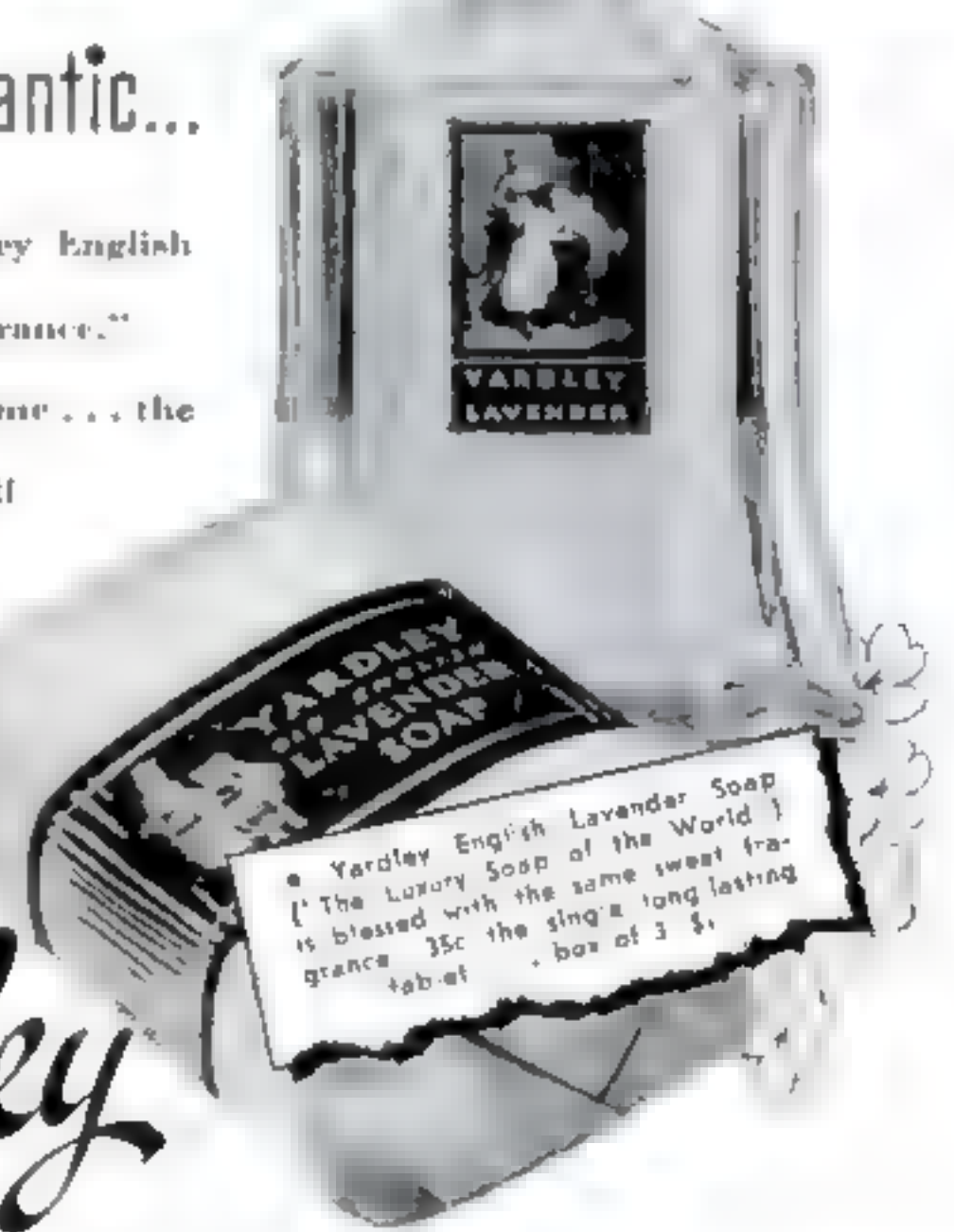
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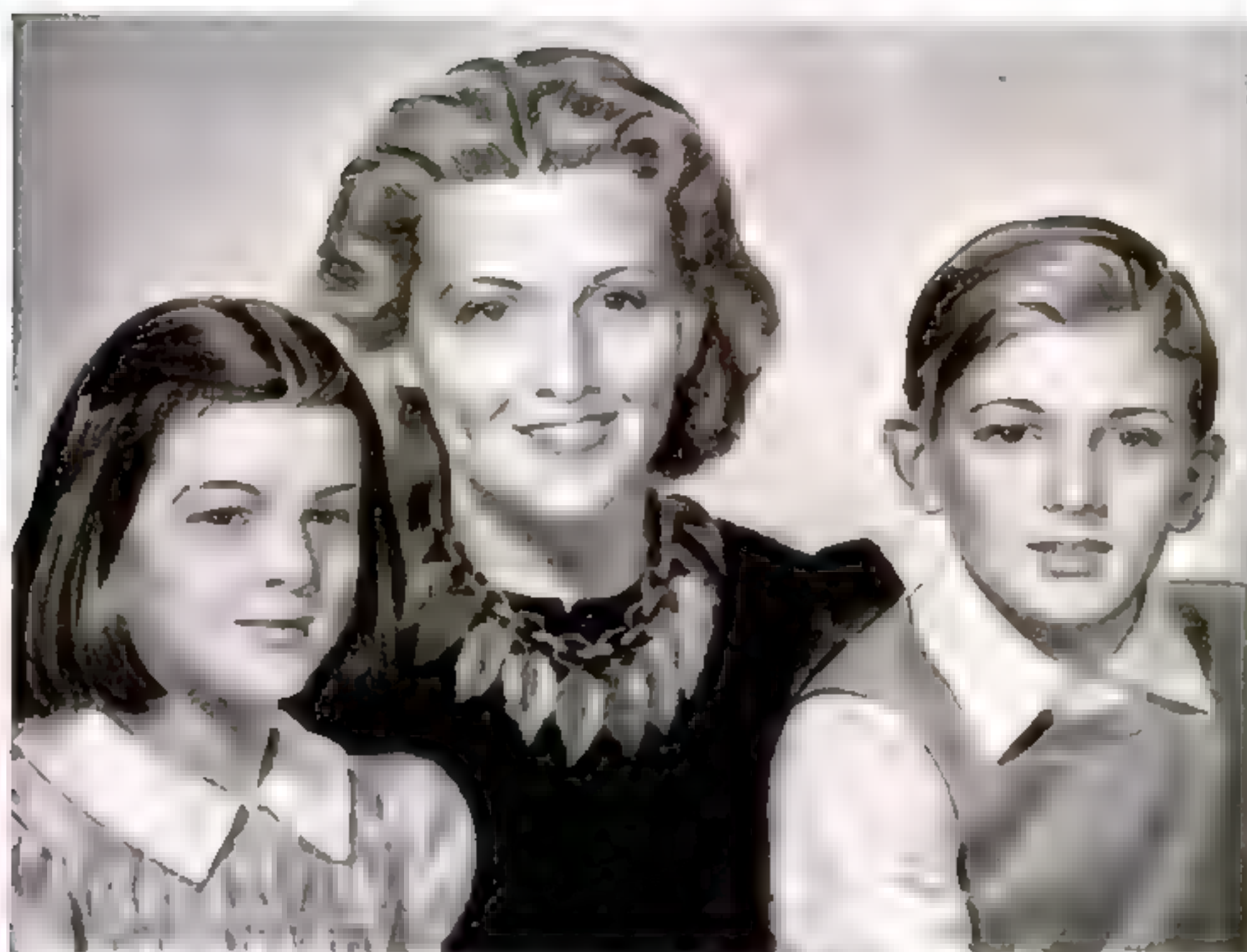


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1. Your insurance money may, of course, be paid as a single lump sum, in cash.
2. If the amount is sufficient, it may be paid as a definite monthly income for your beneficiary's remaining lifetime.
3. An income of a definite amount may be paid for a limited length of time.
4. The insurance money may be left with the company at interest. This interest is paid to your beneficiary each year, and withdrawal of the principal may be arranged for as desired.

Here are 3 things to remember when you plan a method of settlement: (1) Arrange the plan you would want if you should die tomorrow, considering any Social Security benefits or other income. (2) Keep your plan in line with your changing circumstances by reviewing it periodically with your agent. (3) Leave enough insurance in cash to pay inevitable last expenses.



HOW 2 MEN  
WORKED OUT  
IDEAL PLANS  
FOR THEIR  
FAMILIES



**CASE NO. 1—EDWARD COOKE**... a young married man with \$3,000 of insurance. Until Mr. Cooke can afford more life insurance, the important thing he wants his present policies to do if he should die is tide his wife over until she can find a job.

So he has arranged his life insurance like this: \$500 would be paid Mrs. Cooke right away to take care of final expenses. And the remaining \$2,500 would be paid as an income of \$100 a month for 25 months, plus interest.

**CASE NO. 2—ARTHUR KEENAN**... married and the father of a ten-year-old boy. Mr. Keenan has \$40,000 of life insurance. From time to time, he discusses the beneficiary arrangements in his policies with his agent—to make sure they are up to date.

His latest arrangement is set up as follows: At his death his wife will receive \$2,000 in cash immediately to cover final expenses, un-

paid bills, and other incidentals. She will also receive \$150 every month until her son reaches the age of 18. For the next four years, she will get \$250 a month, the extra \$100 a month being for her son's college education. Then, the balance of Mr. Keenan's life insurance money will be paid to his wife as an income of approximately \$100 every month for the rest of her life.

*The* **PRUDENTIAL**  
INSURANCE COMPANY OF AMERICA  
HOME OFFICE: NEWARK, NEW JERSEY



## ARE WE HELPING YOU?

This is another in our series of advertisements—"What Every Man Should Know About Life Insurance." This series is intended to give you the kind of *practical* information on life insurance that will be of real benefit to you and your family.

We hope these advertisements will help you understand life insurance better and give you a deeper appreciation of your agent's services. Your comments will be warmly welcomed.





NEWSMEN, ASSEMBLED IN NEW SOCIAL SECURITY BUILDING TUESDAY MORNING, HEAR PRICE ADMINISTRATOR HENDERSON EXPLAIN HIS DESIGN FOR AMERICA'S WARTIME LIVING



U.S. PRICE ADMINISTRATOR LEON HENDERSON

## U. S. OPENS WAR ON INFLATION

In Washington, April 18, Price Administrator Leon Henderson faced the first ticks in the strait jacket of controlled economy which the American people must wear for the duration of World War II. Mr. Henderson's squeeze was only a starter. For a day earlier President Roosevelt had sent to Congress a seven-point program designed to control the inflationary spiraling of prices that had already carried cost of living 15% over pre-war plateaus. The President asked: 1, heavier income taxes; 2, a \$25,000 limit on net incomes; 3, wage stabilization; 4, price fixing; 5, more drastic rationing of commodities; 6, reduction of farm prices from 110% parity; 7, curbs on credit and installment buying.

While Congress and press contemplated the adequacy of these recommendations, Mr. Henderson went into action. To newspapers throughout the land he released the massive text of his "General Maximum Price Regulation," a far-reaching edict freezing at March levels the prices of virtually every commod-

ity that shapes the pattern of living. The deadline for manufacturers and wholesalers was May 11, for retailers, May 18, and for "services"—laundries, garages, etc.—July 1. Simultaneously rents were frozen in 301 specified industrial and urban areas.

To a packed press conference, Mr. Henderson warned that "while violators will be punished and the penalties are severe. But no man, hence, he thought, would prove rare. The President too, urged the expectation that citizens would look upon their part in the war effort less as a sacrifice than as a privilege. 'I firmly believe,' he declared, "that Americans all will welcome this opportunity to share in the fight of civilized mankind to preserve decency and dignity in modern life." Both President and Price Administrator appeared to have made a sound assumption. For throughout the country, public and the press seemed to feel that last week's portentous measures were too little and too late, that the economic strait jacket still hung too loosely from the nation's frame.

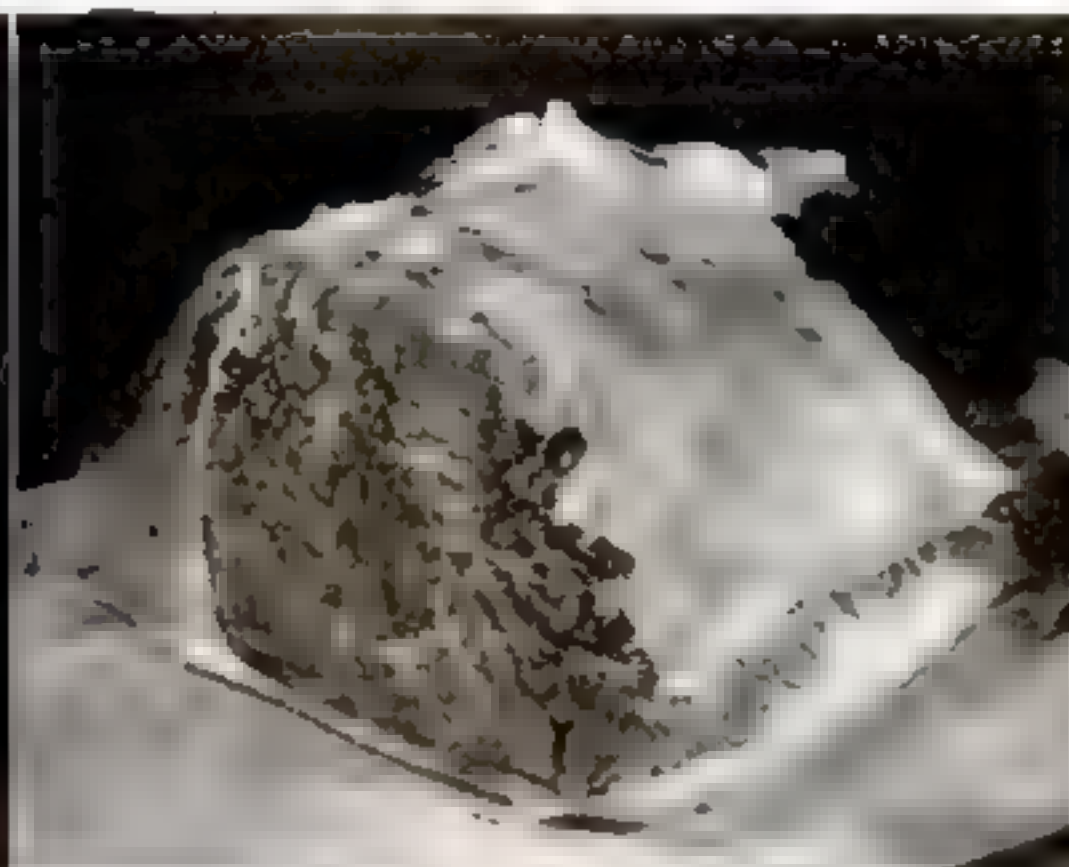


# PRICE CEILINGS

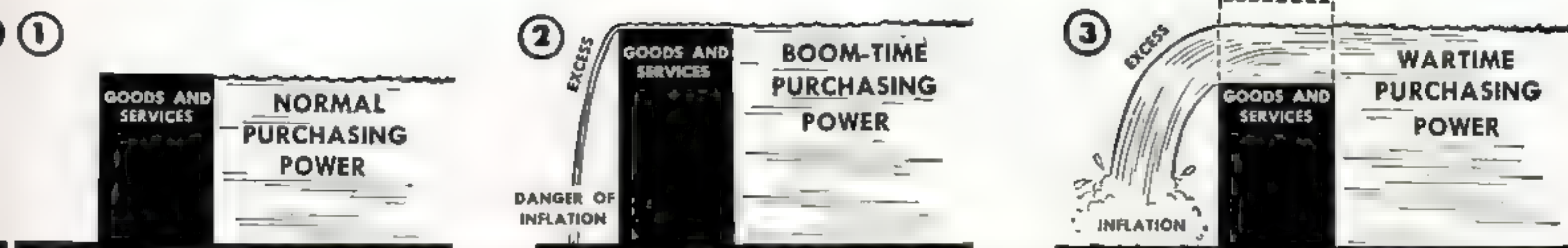
These are some of the commodities on which U.S. has frozen prices for the duration of World War II

Here you see a few of the literally thousands of items affected by Price Administrator Henderson's price-fixing order last week. The articles shown here are representative of the principal categories under which the Office of Price Administration has classified a vast list of living commodities. Specifically exempted from ceiling regulations are such commodities as live newspapers, books, motion pictures, and insurance; seasonal commodities like fresh vegetables, fish and game; primary raw materials like ore and timber; and a fascinating miscellany encompassing such things as linseed oil, mature living animals, gold and silver stamps, pre-

casted stones, dried prunes and knotted oriental rugs. Prices on affected items will vary from city to city and from store to store. OPA's fundamental provision is that no retailer or wholesaler may charge more for any item than the highest price he received for it before March 1 and March 11, regardless of what his competitors were charging. A dealer may lower prices as he sees fit, but for 90 days his maximum must be his maximum for the duration of the war. He is required to post his ceiling prices where customers may see them. For violation a dealer may be fined, his license revoked, or he may be imprisoned for a year.







A Problem for every American is posed by the three dam-and-water economic charts shown above. Normally (No. 1) there is no overflow because if water rises, industry makes more goods, so the dam rises. In boom times (No. 2) water rises fast, causes overflow creating higher prices. In

wartime (No. 3) water rises even faster but dam shrinks as industry makes arms. Hence excess torrent pours over, causing higher prices, inflation. To raise dam (lotted lines on No. 3) you must: 1, pay higher taxes; 2, buy war bonds; 3, pay off your debts; 4, save, don't buy.





The Stamps contained in this Book are valid only after the lawful holder of this Book has signed the certificate below, and are void if detached contrary to the Regulations. (A father, mother, or guardian may sign the name of a person under 18.) In case of questions, difficulties, or complaints, consult your local Ration Board.

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I, the undersigned, do hereby certify that I have observed all the conditions and regulations governing the issuance of this War Ration Book; that the "Description of Book Holder" contained herein is correct; that an application for issuance of this book has been duly made by me or on my behalf; and that the statements contained in said application are true to the best of my knowledge and belief.

[Book Holder's Line Here]

(Signature of, or on behalf of, Book Holder)

Any person signing on behalf of Book Holder must sign his or her own name below and indicate relationship to Book Holder:

\_\_\_\_\_  
(Father, Mother, or Guardian)

GPA Form No. 10-200

## UNITED STATES OF AMERICA

# War Ration Book One

**WARNING**

- Penalties ranging as high as Ten Years' Imprisonment or \$10,000 Fine, or Both, may be imposed under United States Statutes for violations thereof arising out of infractions of Rationing Orders and Regulations.
- This book must not be transferred. It must be held and used only by or on behalf of the person to whom it has been issued, and anyone possessing it thereby represents to the Office of Price Administration, an agency of the United States Government, that it is being so held and so used. For any misuse of this book it may be taken from the holder by the Office of Price Administration.
- In the event either of the departure from the United States of the person to whom this book is issued, or his or her death, the book must be surrendered in accordance with the Regulations.
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OFFICE OF PRICE ADMINISTRATION

No. 401000 -333

FOLD BACK + FOLD BACK

## Certificate of Registrar

This is to Certify that pursuant to the Rationing Orders and Regulations administered by the OFFICE OF PRICE ADMINISTRATION, an agency of the United States Government,

(Name, Address, and Description of person to whom the book is issued):

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(Last name) (First name) (Middle name)

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(City or town) (County) (State)

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(Signature)

Local Board No. \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

has been issued the attached War Ration Stamps this \_\_\_\_\_ day of \_\_\_\_\_, 1942, upon the basis of an application signed by himself ☐, herself ☐, or on his or her behalf by his or her husband ☐, wife ☐, father ☐, mother ☐, exception ☐. (Check one.)

Stamps must not be detached except in the presence of the retailer, his employee, or person authorized by him to make delivery.

WAR RATION STAMP 28	WAR RATION STAMP 26	WAR RATION STAMP 24	WAR RATION STAMP 22	WAR RATION STAMP 20	WAR RATION STAMP 18	WAR RATION STAMP 16	WAR RATION STAMP 14	WAR RATION STAMP 12	WAR RATION STAMP 10	WAR RATION STAMP 8	WAR RATION STAMP 6	WAR RATION STAMP 4	WAR RATION STAMP 2
WAR RATION STAMP 27	WAR RATION STAMP 25	WAR RATION STAMP 23	WAR RATION STAMP 21	WAR RATION STAMP 19	WAR RATION STAMP 17	WAR RATION STAMP 15	WAR RATION STAMP 13	WAR RATION STAMP 11	WAR RATION STAMP 9	WAR RATION STAMP 7	WAR RATION STAMP 5	WAR RATION STAMP 3	WAR RATION STAMP 1

THIS IS A PHOTOSTAT OF FIRST RATION BOOK EVER ISSUED. ALTHOUGH "SUGAR" APPEARS NOWHERE ON CARD, BOOK WILL PERMIT HOLDER TO PURCHASE 1/2 LB. SUGAR WEEKLY

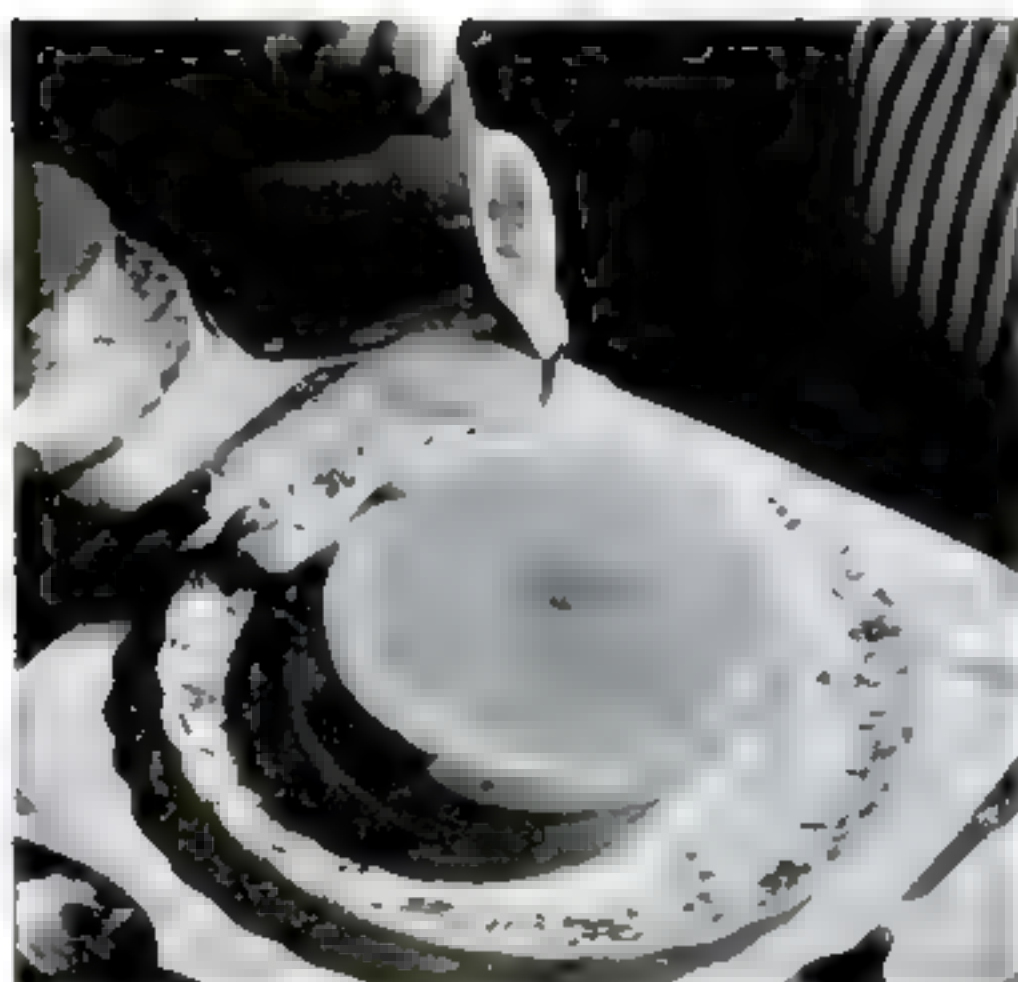


# SUGAR

U. S. consumers register for first ration books

On May 4, for the first time in its history, the people of the United States lined up inside schoolhouses to register for their first book of rationing coupons. Sugar is the first commodity for which War Ration Book One will be used. All sugar sales stopped April 27. They were resumed May 5 where registration was completed, but only to consumers armed with a war ration book. The fixed ration of half-pound a week per person is half what the sweet-toothed U. S. public normally consumes, but

is almost twice as much as allotments in France and Italy. Commercial users of sugar, such as bakeries, candy and ice-cream manufacturers, received ration books April 28-29, were allotted about 70% normal requirements. The existing sugar shortage which necessitates rationing so that all on the home front may have a fair share, is due to 1) fact that 82% of sugar used in U. S. was imported from Philippines, Hawaii and West Indies; 2) large amounts of sugar are used in manufacture of alcohol for explosives.



Honey, maple or corn syrup and molasses are suggested for sweetening fruits. These may also be used for cooked desserts.



Juice from canned fruits should be kept. It can be used as a sweetening agent in cooking, sauces and for jellied desserts.



Salt, although not a sugar substitute for sugar, adds flavor to most foods, has the odd effect of accentuating the sugar taste.





HALF POUND OF SUGAR

Week's supply of sugar, for one person, is equal to 48 teaspoonfuls. That is ample for 14 cups of coffee, seven helpings of cereal, seven of fruit, and four of cake. Individual may decide whether

he'd prefer more coffee and less cake, or more whiskey-sours and no cereal at home. In addition he may purchase, without ration stamps, beverages, candy, desserts in commercial places,



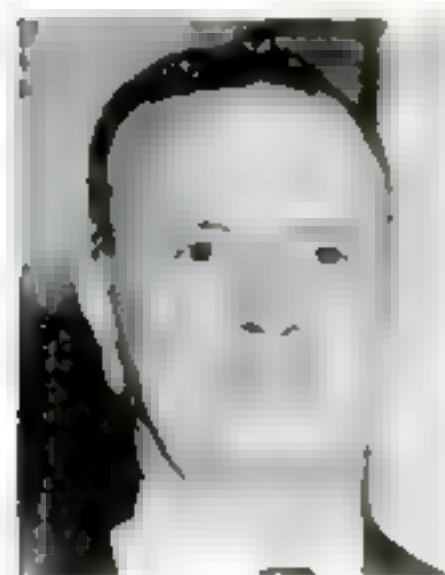
# ROOSEVELT PUTS WAR ON EVERY U. S. DOORSTEP

It was a tough assignment. As the Newsfront reported last week, Americans wanted action, wanted to share the war with the boys under fire. But the No. 1 task handed out to them by Franklin Roosevelt was not so glamorous. It had to do with the tedious subject of economics, the control of food, clothing, rent, income, almost every conceivable item in the management of the home. In every section of the country Mr. Roosevelt's recommendations were accepted as necessary steps to victory. But it was hard to turn to economic problems in the midst of a bloody war. In Boston, for instance, a movie house stopped its show to receive the President's speech. While he talked about prices the audience whispered and buzzed, got up to buy chocolate or drink water. But when he came to the stories about Dr. Wessell, the submarine *Squalus* (now *Sailfish*) and Captain Wheeler (see pp. 35-36), the house settled down, sat spellbound. They wanted to hear about the fighting.

Everything happened more or less as the President had predicted. Whoever was called on to make a sacrifice thought that he had been hardest hit. The farm bloc hollered loudest, arguing that the President had cracked down on the farmers more than on factory labor. Many merchants complained that they were being squeezed. Everyone was awed by the magnitude of the move, the infinite complications, unpredictable results. Mr. Henderson, a price boss, admitted that "even we who have been busy framing [these regulations] cannot fully visualize their ramifications." Wilma Bright, a department-store salesgirl in Chicago, put it better. "I'd hate to be one of the guys who have to figure out what prices we were charging in March. How about these specials?"

## SOUR NOTES

The inability of some people to understand the connection between their living habits and the welfare of the men at the front produced a number of sour notes. Leland J. Melrose, editor of the *Minnesota Farm Bureau News*, said there was "no justification for a ceiling on farm prices until there is a ceiling on everything, including wages." On the other hand, William Abel, president of Local 110, United Rubber Workers, said: "We'll fight any attempt to freeze wages at present levels unless living costs are cut to their May 1941 levels." Sourest note of the week was sounded by Captain J. M. Patterson's *New York Daily News*. Said this snug but able editorialist: "As soon as possible, let us get on to the time when we can drive a car serenely . . . and give a damn who wins the baseball game."



PATTERSON

The tough thing for every American to understand was that each individual, each group, must suffer a loss. The President's speech was an effort to distribute that loss. Farmers must not expect more than parity; if they get anywhere near parity they should consider themselves lucky. On the other hand, it is downright unpatriotic for labor to argue that wages must fluctuate (always upward) with prices. If the cost of living has risen somewhat more than wages—which is not universally the case—that is a good thing. It is part of the workers' contribution to winning the war.

## NOT TOUGH ENOUGH

As a matter of fact, the most intelligent and universal criticism of the President's speech was that he had not gone far enough, had failed to grapple with the real underlying forces of inflation. The country is faced with the biggest income in its history, but owing to war industries there is less for the people to buy. Hence there exists a tremendous excess purchasing power and no amount of price fixing can withstand its pressure. In Germany the only way price fixing was made to work was by the Gestapo, Himmler's cruel and sneaky secret police who ferret into people's private lives and devise terrible punishments for price violations. Such a police system is unthinkable to Americans. On the other hand, even in England where people were fighting for their lives, simple price fixing didn't work. There many people got what they wanted on the "black market," British version of the bootlegger.

By resting his case mainly on price fixing Mr. Roosevelt failed, these critics said, to meet his issues. The excess earning power of the people must be absorbed—by heavier taxes on families with incomes of \$1,500 and up, by the compulsory purchase of war savings bonds and by freezing wages as well as prices. But there was a brighter side to this criticism too. In ducking these issues Mr. Roosevelt had in effect passed the buck to the people themselves. And maybe this was the democratic way to do it. In effect the President said to labor: we are not going to freeze wages because if you are patriotic there won't be any need to. In effect he said to every citizen: we are not going to make bond buying compulsory because if you really want to pitch in and help win the war you will buy more bonds than any law would require.

And as the country began to understand the real meaning of this home-front war there seemed to be a chance that the U. S. might win it on just such a voluntary basis. The attitude of millions was expressed by a Midwest building materials salesman, a double-dyed Republican: "The President could have gone a lot stronger but I believe he knows best in spite of the fact I voted against him three times. What he says goes with me."

## GLOOMY FÜHRER

If Americans had problems to solve on the home front, they were not alone. In Berlin Adolf Hitler made the gloomiest, most defensive speech of his career, and observers were quick to infer that he was having trouble with his lieutenants, his law courts, his people. It was a long time, indeed, since the Führer had won any victories. On the Russian front, now a quagmire, Stalin still had the upper hand. The British had control of the air, even over parts of Germany itself. In the biggest air raids in history they had bombed Augsburg (550 miles from the English Coast), all but demolished Rostock and Lübeck. Where was the *Luftwaffe*? Where was the invincible *Wehrmacht*? Where, indeed was Adolf Hitler?

But strategists sounded a warning. Altogether too much "bad" news was coming out of Germany. From



HIMMLER

Italy also came stories of demoralization, of anti-Mussolini sentiment. Why were Axis leaders, with complete control over all news releases, permitting such stories to circulate? Propaganda experts suspected treachery, warned that all signs pointed toward a peace move like those which had betrayed so many democracies heretofore. In the midst of these somber reflections the world got news that Hitler and Mussolini were in conference in Salzburg. Always in the past, like the tramp of doom, such a conference has been a prelude to death and desolation.

## THE INCREDIBLE JAP

But this time a shadow was cast over the Axis conference—the suave and confident shadow of Lieutenant General Hiroshi Oshima, Japanese Ambassador to Germany. Oshima did not go to Salzburg, and the world wondered why. Possibly Hitler was finding



OSHIMA

his Eastern ally difficult to handle. In any case, the Eastern ally was last week amassing more than his share of Axis loot. He was smeared to his ears in blood and plunder.

Week before last Americans had indulged in some optimistic reflections. But last week all this was changed. In Burma the Japs developed a crushing striking power, virtually knocked out the British, took Mandalay, split the Chinese wide apart, endangered General Stilwell's entire position, captured Lashio at the foot of the Burma Road. Thus, almost at a stroke, they opened a way into India—and closed the only direct way into China. Hereafter, unless a successful counterattack can be mounted, the 450,000,000 embattled people of China will be linked with the United Nations only by thin, devious mountain routes, and by a fragile thread of airplanes, of which there are never enough.

So it was high time for the people of the United States to listen to their President, to follow him even though he might make some mistakes, pull in their belts, stop worrying which group was asked to sacrifice most, quit agonizing about their future interest in baseball.

## PICTURE OF THE WEEK

Arturo Toscanini, anti-Fascist lover of liberty, and master of music in the grand tradition, often sings while he works. Many an audience has heard his husky voice through the well-disciplined singing of the strings. Recently, however, New York audiences have been thrilled to see him turn, during *The Star-Spangled Banner* at the end of each performance, and motion for them to join him. People who have never seen anything but his back while he conducted, now see his face, his fierce gestures as he holds them to an impeccable time. Many say that it seems as if they had never really heard *The Star-Spangled Banner* before. This picture was taken May 1 by LIFE's Alfred Eisenstaedt after a performance of Beethoven's Seventh Symphony, during the Philharmonic Symphony Orchestra's special Beethoven cycle. The cymbals can be seen still shivering in the air as 3,200 people join in the final fortissimo.



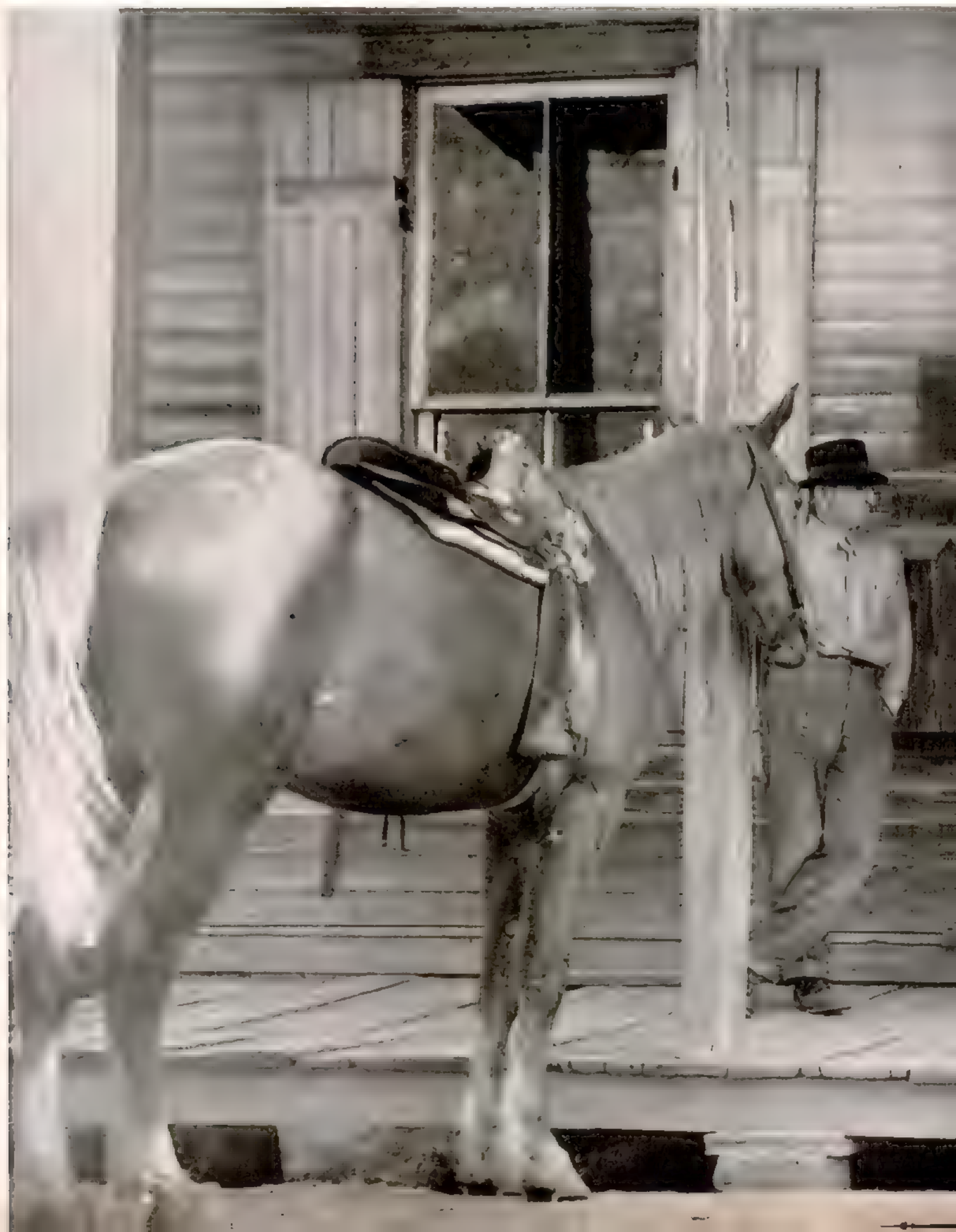


"O'er the land of the free  
and the home of the brave"



# SERGEANT YORK SIGNS UP AGAIN

**O**n April 27, Sergeant Alvin C. York, World War I's most spectacular hero, shipped off to crossroads store at Pall Mall, Tenn., and enrolled in the fourth national selective service registration. Men were in every city and county across the land other Americans, between 45 and 64, added their names to the younger





millions already on the nation's draft rolls. Although York, now 54, professed himself ready to fight again, neither he nor any of the 13,000,000 middle-aged men who signed with him in last week's registration will be called into actual combat service. They will be asked simply to fill out an occupational questionnaire listing

their skills and experience for some future manpower mobilization.

For the man who killed 20 Germans and captured 132 prisoners in the first World War, last week's registration day was a curiously reminiscent event. His local registration center was the same crossroads store

where he registered as a conscientious objector in 1917. And his registrar, R. C. ("Parson") Pile, was the self-same man who signed him up 25 years ago. In this fine photograph you see Alvin York standing to the right of the door, wearing a coat and necktie. Registrar Pile stands in the door talking to York's eldest son, Woodrow,







## CHICAGO'S COL. M'COSMIC MAKES HIT AS U. S. COUNTERPART OF ENGLAND'S LATE COL. BLIMP

In a broadcast April 18, President Roosevelt warned that the United States effort was not to be impeded by selfish interests, either in business or military problems. It was not to be impeded by a few big game patriots who, in the sacred freedom of the press, had been the victims of the propaganda distorting the facts. As these words were uttered, a sportsman, Col. M'Cosmic, was in the news. He was a well-known figure in Chicago. The personality of Col. M'Cosmic was a well-known figure in Chicago.







parachute, dapper individual with a bristling mustache and superlative ego. His name, Colonel M Cosma.

By last week Colonel M Cosma had become the favorite cartoon character of multitudes of Chicagoans who dislike Colonel Robert R. McCormack's brand of journalism in the Chicago Tribune. It was during an editorial conference at Frank Knox's Chicago Daily News last February that M Cosma was first conceived. For months

the News had been hunting a form lawbreaker to ridicule McCormack's production for military parading. On Feb. 28, Cartoonist Cecil Jensen's regiments colonel made his debut. Here you see recent episodes from the career of M Cosma, now verging on national fame as the American counterpart of English Cartoonist David Low's super-stuffed shirt, Colonel Blimp. Few weeks ago Low happily paraded Blimp for the duration (right), but M Cosma's march soon



THE BURIAL OF COLONEL BLIMP





## GERMANS PHOTOGRAPH BOMBING OF TWO RUSSIAN BATTLESHIPS AT KRONSTADT

The Russian Navy fighting the unreported Battle of the Baltic with the Germans is largely a secret. On this page are some of the first pictures of the Red Baltic Fleet being pounded by German bombers last autumn. This is at Kronstadt, the mighty island fortress guarding Leningrad. ("A" marks same breakwater entrance in three pictures.) From here the Russian ships carry out Commando landing raids far behind the German and Finnish lines. Though German artillery is only 4 miles from Kronstadt, the Russians have held it with a vengeance. Despite damage done here, the same ships were still afloat on April 5 when the Germans claimed to have bombed them again. On May 1 the Russians retorted that altogether in the Baltic they had sunk one Nazi battleship, one cruiser, 16 destroyers, 18 U-boats, 115 transports.



Bomb hit on the battleship *October Revolution's* No. 3 turret is shown just after the picture at bottom right. Notice ripples of bomb misses. This is Kronstadt's Naval Harbor. Most of the filled-in land in the background is not shown on the best U. S. maps. *Marat* (below) is off left.



The "*Marat*," her whole bridge, and fore turret (arrow) demolished by a ton bomb that probably blew up her magazine, is surrounded by busy salvage boats. Notice trail of oil. She lies behind breakwater in Middle Harbor. Germans called this "end of the *Marat*" but it was not.



Baltic Fleet at start of morning's bombing includes battleship *October Revolution* (1), heavy cruiser *Kirov* with square stern (2), damaged heavy destroyer of 2,000-ton *Leningrad* class being towed into harbor (3), and submarine school ship *Tsvetkov* (4) with submarine alongside.



Five near misses and a fair hit on the battleship *October Revolution* are seen a moment before picture at upper left, throwing up bomb debris. The very close miss at the stern (top) has utterly obliterated the small tug there which can be seen in the picture at top of page.





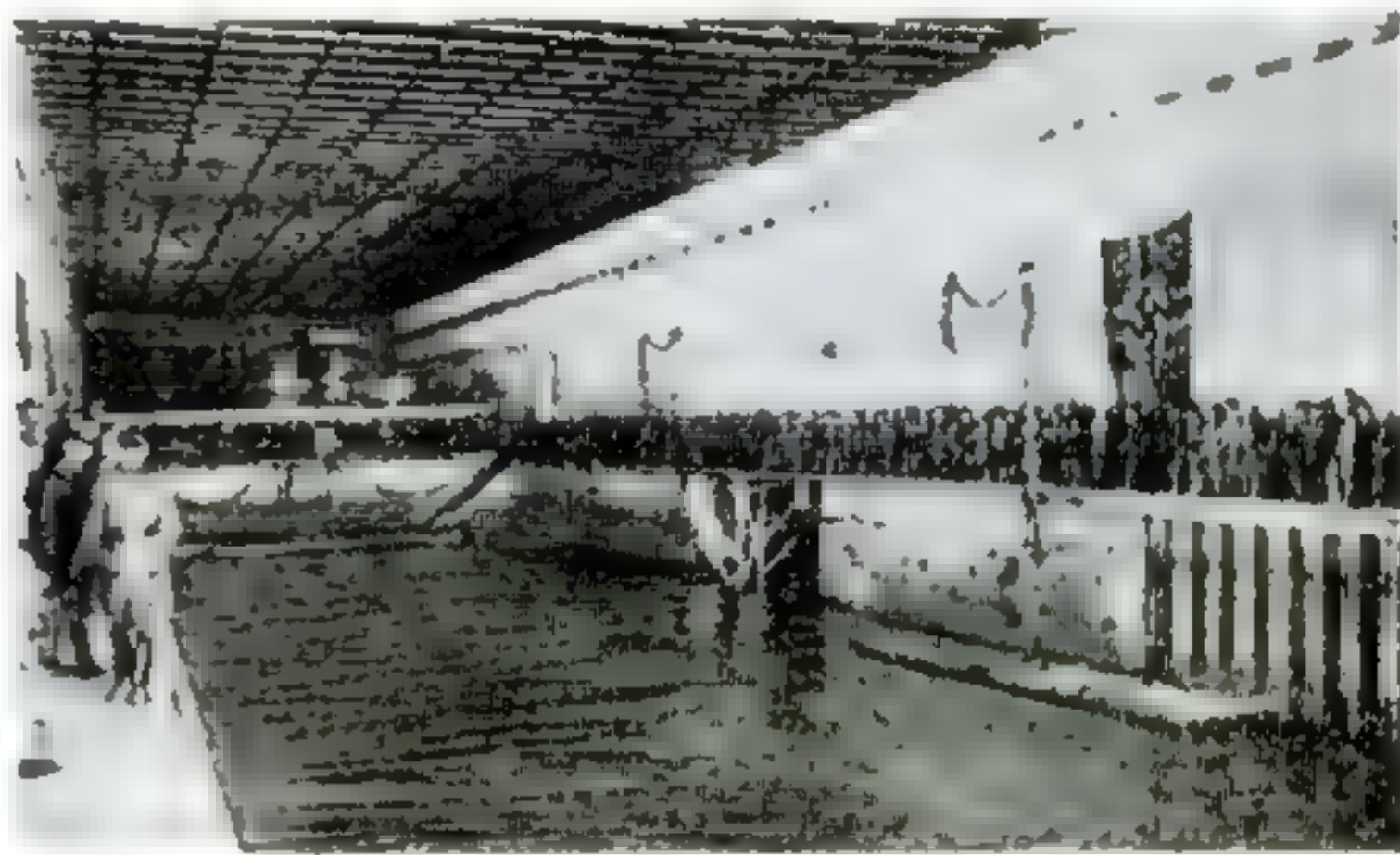
Commando raid of March 28 aimed to destroy lock gate (1) and dam (2). This pre-raid picture's chief revelation is U-boat bombproof (3). Four slips have walls up and shops partly covered; four more are building behind cofferdam. The harbor is full of anti-aircraft boats.



All slips under construction in top picture are now covered with concrete roofs, plus two or three more at the left and five at the right still unroofed, with cofferdam outside. These have replaced long row of sheds seen in upper picture. Note the lock damage at (1) and (2).

## BRITISH PHOTOGRAPH BOMBING OF THE NAZI U-BOAT HIDEOUT AT ST. NAZAIRE

Great concrete caverns for U-boats with bombproof roofs 10 ft. thick are Germany's latest answer to British bombers. The pictures the British brought back before and after the Commando raid March 28 on St. Nazaire show the breakneck progress of one of these ominous hideouts. Along the upper shore (3) of the two pictures at the left, this base grows from four slips not yet roofed (*upper*) to a total of about 15 slips (*lower*), of which only five are not yet roofed. It will operate and repair a flotilla of 21 U-boats. The bustle of shipping in the upper picture has vanished in the lower picture. Similar bombproofs have been built at Lorient and Trondheim. Below are reproductions from German publications of close-ups of these Nazi nests. These forts are vulnerable only to Commando raids or full-scale invasion.



Inside a U-boat slip, which is also a drydock, the Organisation Todt men who built it line up for the gale opening. It is about 40 ft. high from the slip floor, 48 ft. wide, 350 ft. long, with a 27-ft. concrete roof and bumper rafts along the sides. Repair shops are located in the rear.



Front view shows the massive concrete construction with an immense overhang to keep out bombs falling obliquely. Here cofferdam is still in place to keep out the harbor water, to be replaced later by lock gates. These concrete monuments are a total waste for peacetime use.





## DEATH IN LINE OF DUTY COMES TO LIFE CORRESPONDENT JACOBY

**M**elville Jacoby, war correspondent for *LIFE* and *Time* in Australia, was killed last week in an airplane accident that also took the life of Brigadier General Harold H. George, chief of staff of the Far Eastern U. S. Air Force. The two victims were struck by a fighter plane out of control on the take-off, while waiting at an airfield to board another plane. Declared General MacArthur:

"Melville Jacoby was attached to our forces during the Philippine campaign and later joined

the Allied Command in Australia. He covered his assignment with efficiency and devotion and fulfilled completely his obligations, both to the public press and to the military forces. He could well have served as a model for war correspondents at the front."

In Washington Secretary of War Stimson, announcing the accident, said:

"Melville Jacoby's death in such circumstances is a reminder of the constant, patriotic, valuable

and hazardous service that the press renders in time of war. The war correspondents share the danger of the Army forces. Mr. Jacoby gave up his life in the same cause as if he were a soldier."

*LIFE* readers will remember Mr. Jacoby's articles on Bataan and photographs of the combatants and wounded on Bataan and Corregidor. With him in Australia at the time of his death was his wife of half a year, Annalee Whitmore Jacoby, who had escaped from Corregidor with him a month before.



"Remember, now!  
not just noodle soup,  
but chicken noodle soup!"

**REAL OLD-FASHIONED CHICKEN NOODLE  
SOUP! RICH CHICKEN BROTH, PIECES OF  
CHICKEN AND GOLDEN EGG NOODLES!**

For rich, through-and-through chicken goodness, and true homey flavor, women everywhere insist on chicken noodle soup... Campbell's Chicken Noodle Soup.

Campbell's use plenty of chicken in making this soup. That's the way chicken noodle was made in Colonial times—and the way good chicken noodle soup has been made ever since. Campbell's simmer the chickens very slowly for a rich, glistening stock. Then they add tender pieces of chicken together with lots of good egg noodles.

Campbell's Chicken Noodle is a nourishing soup, too, with plenty of satisfaction for hungry folks. That's why mothers, many a time, make it the main dish of a family meal...and another reason why it continues to grow faster in popularity than any other soup. Have it for lunch or supper soon—a brimming, steaming bowlful at each place!

*Campbell's*  
**CHICKEN NOODLE SOUP**



**THIS SOUP IS GROWING FASTER IN POPULARITY THAN ANY OTHER!**



# *The 5 Crowns Scoop Out TOUGHNESS*

By throwing out TOUGHNESS, we gain  
What blenders had long-sought in vain -  
A richness, a flavor,  
A lightness-with-savor  
That Seagram's alone can maintain.

But tasting's believing, they say  
So go get some 5 Crown today,  
One sip of it shows you  
It's nectar, ambrosia -  
As mild as a morning in May.



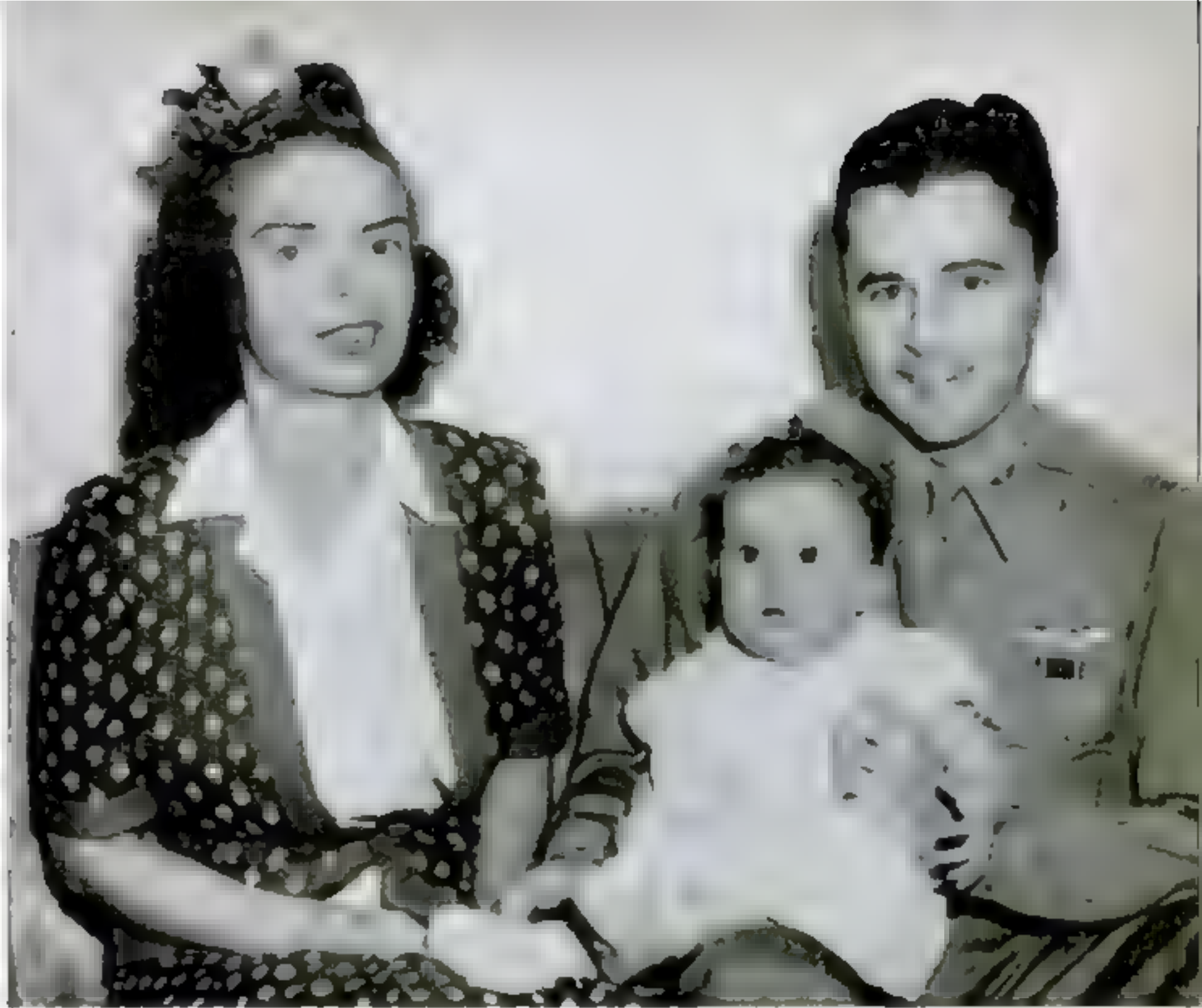
## Seagram's 5 Crown

SEAGRAM'S 5 CROWN BLENDED WHISKEY. 86.8 PROOF. 72% GRAIN NEUTRAL SPIRITS. SEAGRAM-DISTILLERS CORPORATION, NEW YORK





IN APRIL 28 RADIO SPEECH THE PRESIDENT CITED HERO WHELESS' DEEDS



WITH HIS WIFE AND DAUGHTER AT FRESNO, CALIF., WHELESS LISTENED IN ON ROOSEVELT'S SPEECH

# WAR PILOT'S STORY

Capt. Wheless, through Cecil Brown, details exploit which the President outlined to nation by radio

**President Roosevelt:** *The bomber departed from its base, as part of a flight of five, to attack Japanese transports that were landing troops in the Philippines.*  
**Captain Wheless:** You see it was like this. We were operating on a Sunday out of Mindanao. We knew the Japs were out on Legaspi gulf at the lower tip of Luzon and we had our orders to concentrate on them. They had lots of shipping there.

I took off first and the other ships followed. We assembled over the field and, behind the squadron leader, we climbed. We climbed plenty, headed for Legaspi 400 miles away. We'd gone a hundred miles when we ran into very bad weather. Thunderstorms, clouds, heavy rains and stuff. We went on the instruments.

**President Roosevelt:** *When they had gone about half-way to their destination, one of the motors of the bomber went out of commission. The young pilot lost contact with the other bombers. The crew, however, got the motor working again and the plane proceeded on its mission alone.*

So there we were flying by instruments. And then at 14,000 ft. I lost my No. 2 engine. Overheating. I dropped down to a lower altitude and we got the engine running again. We lost the others and so I figured I might get there first. Of course the Japs had pursuit ships on the ground and I knew I'd have to get in and out before they got me. I was also figuring on protection of the clouds to dodge the pursuits afterward, me with a bum No. 2 engine.

**President Roosevelt:** *By the time it arrived at its target, the other four Flying Fortresses had already passed over, had dropped their bombs and had stirred up the Japanese Zero planes.*

We went on toward Legaspi, about 50 miles out. I figured on starting in for the objective and I was on top of a cloud layer hoping every second to get in on an open spot. As we approached the objective I had the bomb doors open and the gear set up for bombing. We were at about 9,500 ft. when and 5 miles from the objective. We were

lucky. There was a break in the clouds and there we were, over the target. We continued over the target. And what a target! There they were, six Jap transports lined up near the shore.

It looked like a perfect, heaven-sent setup. I gave the order: "All gunners at stations and keep a sharp lookout!"

Then I said to my bombardier: "Line up on them. We're going in for the run." This was at 2.25 p. m.

**President Roosevelt:** *Eighteen Jap planes attacked our one Flying Fortress. Despite a heavy attack, the plane proceeded on its mission and dropped all of its bombs on six Japanese transports which were lined up along the dock.*

There the target was, waiting for us to go in, when the rear gunner told me: "Two squadrons of pursuits are coming—long. One's on the right and one on left."

I said: "Open fire as soon as you think they're in range. We're going in now."

I could have turned around, of course. I could have dived back into the clouds. But I was in position for the run and I figured I might just as well get rid of the bombs. Meanwhile the first two of the Japs—pursuits, with the red ball of the Rising Sun on them—came in from the side. A gunner on each side got them. The gunners were holding their fire until the Japs were close. Then they let go. The Japs came right into the fire and probably we delayed too long because a third Jap was coming in directly into our tail.

They were coming in fast for us and bullets were coming into the fuselage. Our bottom guns, the tunnel guns, were going and bullets were coming past me so I had no doubt there was somebody who didn't like us behind them. But I was going in and it took, I guess, about 30 seconds when the bombardier called up: "Bombs away! Bomb-bay door closed! Kick her in the behind!"

I made for the cloud cover then.

In his broadcast of April 28, President Roosevelt told three stories of American heroism in the Far Pacific. The third story concerned Captain Hewitt T. Wheless of the U. S. Army Air Corps who piloted a Flying Fortress on a bombing attack against the Japs in the Philippines. Before his return from Australia to Fresno, Calif. where, with his wife and daughter, he heard the President's speech, Captain Wheless met Cecil Brown, famous foreign correspondent (see pp. 98-108 for Brown's article on Jap fighting methods) and gave him his own version of this raid. Here follows, as set down by Cecil Brown, President Roosevelt's story of Captain Wheless' feat (in italics), interspersed with Captain Wheless' own informal account of the same affair.

**President Roosevelt:** *As it turned back on its homeward journey a running fight between the bomber and the 18 Japanese pursuit planes continued for 75 miles. One pursuit Jap attacked simultaneously at each side and were shot down with side gun. During this fight the bomber's radio operator was killed, the engineer's right hand was shot off and one gunner was crippled, leaving only one man available to operate both side guns. Although wounded in one hand, this gunner alternately manned both side guns, bringing down three more Japanese Zero planes.*

So there I was diving for cloud cover and all I could find were scattered cumulus clouds. We'd go through the scattering and a pursuit would be over our top and when we'd come out of the cover the Jap would be on us as we came out. But those scattered clouds were some good. They gave the gunners a chance to change ammunition.

When I dropped the bombs, my No. 2 engine was shot out. The plane fell in that direction, slipping off, but I didn't stop to think of that motor. All I was thinking about was a place to hide. I kept chasing the clouds and the fight continued for about 20 minutes. I was losing altitude, too, and was down from 9,000 ft. to about 3,500.

During the first ten minutes all but one gunner were either wounded or killed and so I had only one gunner operating. He worked out on both side guns. It was really something the way he worked. When the Japs were coming in on one side he'd get them and then he'd cross to the other side when they were going for the tail and he'd get them on the opposite side. The engineer was operating the guns, helping to steady them on one side with one hand. The other was shot away. The gunner—his name was Brown—had a cracked wrist but he didn't seem to think of it. He was still operating both guns.

We moved away from the Jap base fairly fast. Some of our bombs had dropped a little short but the last bomb had hit very close. They were 600-



# "Turn off that RACKET!"



## Why spoil their fun . . .

just because you're nervous and weary at day's end? You can be a pal to your family, make evenings the Best Part of Your Day, if you take time out and get into the tub with a cake of Ivory.

## Take it easy in an IVORY BATH!

Let yourself float in a warm sea of velvet suds that foam off that big white floating cake. Smooth that caressing Ivory lather over your weary back, arms, legs and body. How silken-soft that famous Ivory mildness makes your skin feel! How light and slim and lovely you seem! Without a worry, wonderfully rested, you almost dance out of your bath.



## A Fresh Start—for the Day's Best Hours!

See how gratefully your skin responds to Ivory's baby-care mildness, how much faster Ivory Soap lathers than any other leading bath soap. And that fresh, clean "Ivory" smell leaves you delightfully dainty. For livelier evenings and a lovelier you, get a Fresh Start every afternoon in an Ivory Bath!

99 1/2 % PURE . . . IT FLOATS

TRADE MARK REG. U. S. PAT. OFF. 9 PRECISELY A SAMPLE

# For a FRESH START... take an IVORY BATH

## WAR PILOT'S STORY (continued)

pounders we were carrying and those babies can do damage. We'd dropped our load and when the Japs who were chasing us were cleaned out of ammunition they went home.

**President Roosevelt:** While this was going on, one engine of the bomber was shot out, one gas tank was hit, the radio was shot off and the oxygen system was entirely destroyed. Out of eleven control cables all but four were shot away. The rear landing wheel was blown off and the two front wheels were shot flat.

Well, when they'd gone home I had a chance to look around. I noticed my No. 4 gas tank was leaking very badly and in the next ten minutes it must have leaked about 200 gallons. I also stopped my No. 1 engine propeller. There were no gasoline fumes but I could see the gasoline spraying off the wings.

My No. 3 engine was smoking badly and I saw they'd shot my radio off when the explosive bullets were passing over our heads. And not only over our heads. One bullet passed right between the pilot's and co-pilot's seats.

After the fight I'd been afraid to pick up the microphone because I thought the others with me were all dead. There was no sound in the ship. Then the navigator stuck his head out and asked: "Want me to give a hand?" I sure welcomed the sound of his voice. I told him to go back and see how the crew was and look over the guns. One was killed and three wounded, one of them very badly in the leg and we put a tourniquet on it.

The gunners say they got a few more Jap planes but four was all I saw. Brown, the gunner, said he got three in running back and forth from both sides. But I turned in four although the rest were dead sure they got six. Williams, one of the gunners, had his thigh split from the knee to the hip by an explosive bullet. He'd been operating the top gun and when he was hit he was knocked to the floor and he couldn't stand up although he kept trying to get up to the gun.

## Controls and engines gone

**President Roosevelt:** With two engines gone and the plane practically out of control, the American bomber returned to its base after dark and made an emergency landing.

My control cables were shot in two and that gave me very little diving ability. All I could do was go straight ahead. It was just at dark and only two of my engines were operating. Just as I got over the barricaded field where I was going to land, one of the engines ran out of gas. So there we were without enough gas or daylight to circle around until they removed the barricades which had been put down to keep any Jap ship from coming in unexpectedly. Although I didn't know it, I suspected that my tires were flat but I let the wheels down anyway. I couldn't count on a belly landing because there was no way of strapping the wounded down and it had to be a crash landing. I knew that at once.

It was too dark to see anything but the dim outline of the field. I had a hunch that we'd come out of the crash landing O.K. Anyway, I had no choice but to try for that crash landing. And I had no time to make a choice, either.

We hit a palm tree coming in. I could hear us hit and break the top off. I was on my last legs by then and set the ship down. We rolled about 500 ft. with all the brakes locked. Then suddenly we stopped and went up on our nose. We were down and was I surprised! And pretty much all in one piece.

**President Roosevelt:** The mission had been accomplished.

I guess you could say we had carried out our objective but the ship was a pretty mess. The tail wheel had been shot off and there were just about 1,200 bullet holes in her. The No. 4 gas tank was shot off by cannon fire and the radio, too, was knocked off by cannon. You know, even the propeller blades had bullet holes in them. But you've got to say this, the armor plate did its stuff. It was effective, you might say, even though one of the crew was killed and three wounded. And don't let anyone tell you that the B17 can't take it.

**President Roosevelt:** The name of that pilot is Captain Hewitt T. Wheeler, of the United States Army. He comes from Menard, Texas—population 2,375. He has been awarded the Distinguished Service Cross. I hope he is listening.

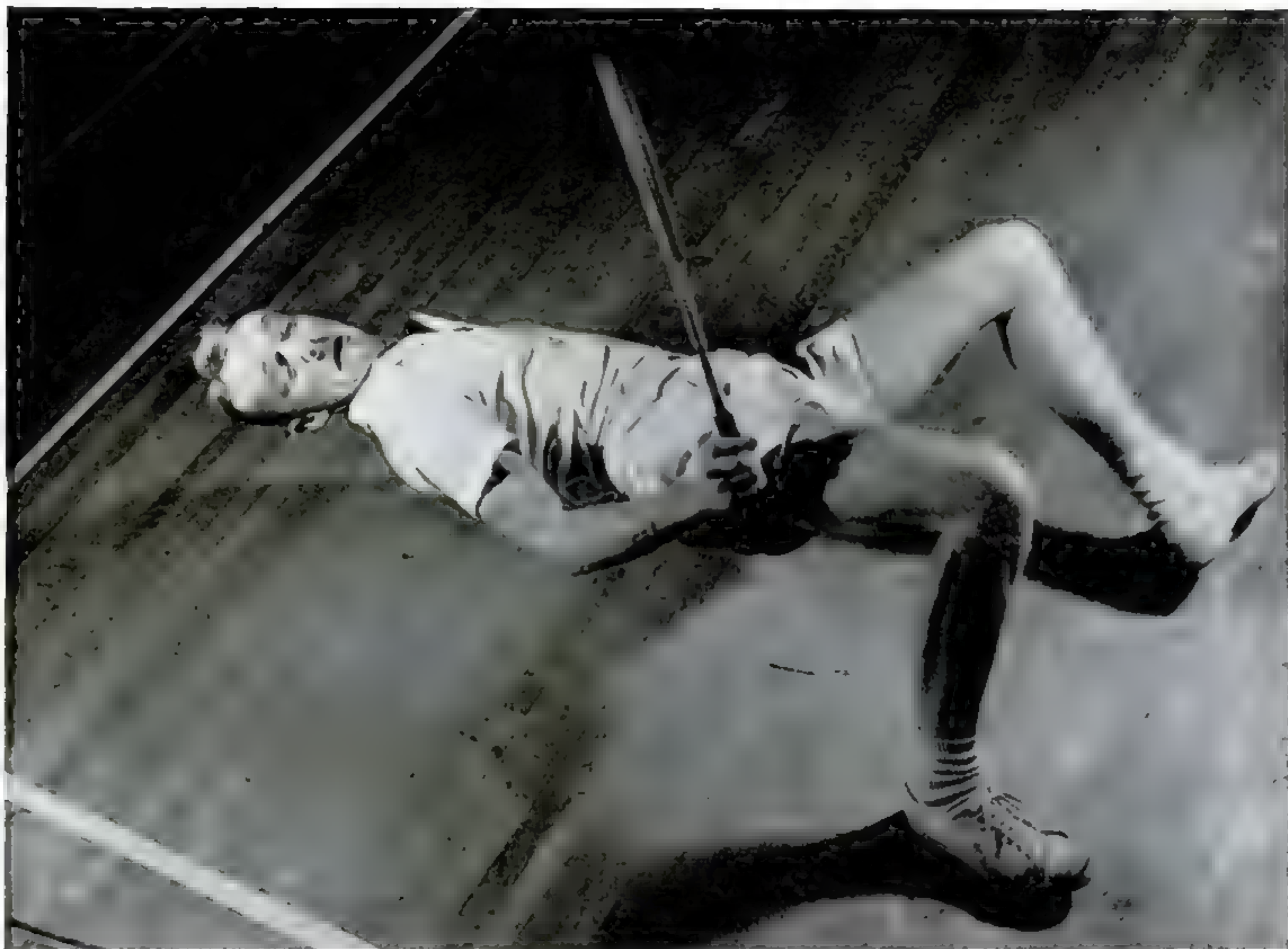




## In Praise of Oomph!

We don't say that eating KELLOGG'S PEP will give your child this zestful energy. But we do say that youngsters can't have abundant pep unless they get all their vitamins. And we say that KELLOGG'S PEP—that extra-delicious cereal—is extra-rich in the two vitamins, B<sub>1</sub> and D, that are least plentiful in ordinary meals, yet so important to your child's diet. Won't you try it?





ON HIS BACK, FREEMAN MAKES ONE OF THE SEEMINGLY IMPOSSIBLE GETS WHICH HELPED HIM WIN HIS FOURTH CONSECUTIVE U. S. BADMINTON SINGLES TITLE LAST MONTH

## ON HIS FEET OR ON THE FLOOR, DAVE FREEMAN IS UNBEATABLE AT BADMINTON

When Dave Freeman won his first U. S. Badminton Championship in 1939, observers compared his play to a combination of flyswatting, tumbling and Comanche war-dancing. Since then the senior from Pomona College, Calif. has been unbeatable despite the fact that during a match he spends as much time on the floor as on his feet. Although Freeman is also prone to elaborate facial and verbal expressions while playing, his grandstanding is of the infectious variety

which moves an audience to cheer his play, not jeer.

In his own inimitable manner, 21-year-old Freeman last month won his fourth straight national singles title, eliminating Carl Loveday, Montclair, N. J., 15-5, 15-10 in the finals. No other opponent in the tournament held at Duke University made more than four points in any one game against the slender, blond racket wizard. Dave also shared the men's and mixed doubles titles for the third year in a row.



ON HIS SIDE, DAVE FREEMAN'S RACKET IS STILL FREE TO MAKE A LAST-SECOND SAVE



ON HIS STOMACH, DAVE MANAGES FOREHAND SHOT JUST BEFORE BIRD HITS FLOOR



# LUCKY STRIKE MEANS FINE TOBACCO!

One of a series of paintings of the tobacco country by America's foremost artists



Grading a pile of tobacco after curing. Painted from life by John Stuart Curry

To bring you fine, mild tobacco like this  
we paid 34%\* more in Pamplico, S. C.

EVERYBODY KNOWS that some tobacco is better than other tobacco—and of course you want fine tobacco in your cigarette.

That's why it's worth remembering that all through the South, year after year, we pay the price to get the milder, better-tasting leaf.

For example: In Pamplico, S. C., at auctions of the 1939 crop, the makers of Luckies paid 34% more—yes, 34% above the average market price to get this fine tobacco.

This was in no way unusual. We paid well above the average market price in 108 tobacco markets that season. And that 1939

crop, properly aged, mellowed, and blended with other fine crops, is in the Lucky Strike Cigarettes you buy across your retail counter today.

Ask the independent tobacco experts—auctioneers, buyers and warehousemen—and they'll tell you Lucky Strike means fine tobacco. With these men who know tobacco best, it's Luckies 2 to 1.

In a cigarette it's the tobacco that counts...and the milder, better-tasting leaf is in Luckies. That's worth remembering...worth acting on, next time you buy cigarettes.



\* 34% more than the average market price reported by U. S. Department of Agriculture.

With men who know tobacco best—it's Luckies 2 to 1



In scores of ARMOUR kitchens throughout America

**STAR** Frankfurters are made

*fresh every day!*



Enjoy the rich, inviting goodness of Star Frankfurters! Your dealer has them now . . . tender, juicy and daily fresh!

It's *real* freshness that makes this frankfurter and macaroni dish such a feast!

And to get frankfurters in the bloom of rich, juicy freshness . . . ask for ARMOUR'S STAR, the brand made fresh every day!

Yes, right now, skilled sausage makers are preparing Star Frankfurters from fresh, choice meats and zesty spices in scores of Armour Sausage Kitchens all across the land. Kitchens located close to practically every dealer—your dealer, too!

So it's no wonder that these delicious Star Frankfurters come to your table just packed with inviting goodness! Tender . . . firm . . .

juicy . . . rich in melt-in-your-mouth tastiness . . . and fresh as a Spring morning! Today, ask your dealer for Star Frankfurters. See what a difference *daily* freshness makes!

#### Star frankfurters and Macaroni

Cook 2 cups of macaroni for 20 minutes in boiling, salted water and drain. Mix with  $1\frac{1}{2}$  to 2 cups freshly-grated Cloverbloom American Cheese; and 2 cups of thin white sauce seasoned with salt and pepper. Place in casserole, sprinkle with cheese and bake in 350° F. oven for 45 to 60 minutes. Cover top during first half of cooking. Serve with Star Frankfurters, heated for 7 minutes in hot water to cover. Garnish with tomato wedges and watercress. This one belongs in your Star Recipe file—save it!

#### Three More Stars for Summer Feasting!



**Star Liver Sausage.** Rich in vital vitamins and minerals. Check full of zesty tastiness!

**Star Bologna.** The favorite for tangy, hearty flavor . . . and for thrifty, speedy meals!

**Star Combination Loaf.** Three different meats in one delicious loaf, ready for the table!





Dave Freeman's rackets have won him more than 20 trophies. Dave plans to trade these tools for a doctor's when he enters Army medical reserve early this summer.



Table tennis helps Freeman sharpen his eye-hand coordination. He has won several tournaments including International Tennis Players Table Tennis championship.



Tennis technique differs from badminton since the former requires stiff wrist action. Freeman has held National Junior Tennis Championship, both singles and doubles.



*Thrifty Days are Here Again!*

## BUY *Long-Wearing* PEQUOTS

"Lovely, yes—but how will they wear?" A question every wise housewife asks today before she makes any household purchase.

Surely you know how Pequots wear—famous as they are as the sheets to buy for service. But if you don't, here's convincing proof...

The U. S. Government sets high standards for its own sheet purchases. Yet every Pequot Service-weight Sheet is guaranteed to *exceed* U. S. Government standards!

### *Only Pequot offers this proof*

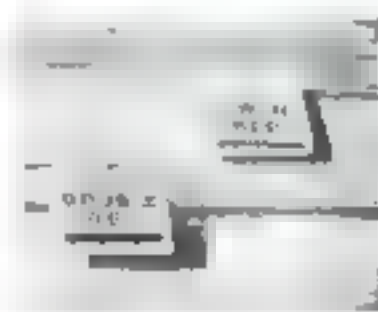
Every month, for 8½ years, the U. S. Testing Company of New York has tested Pequot Sheets. Not special sheets, but sheets bought by the laboratories, just as you buy Pequots, from stores all over the country.

Thousands of tests have been made. Pequots are tested for thread count. For weight. For breaking strength—shrinkage—sizing. *Consistently, Pequots exceed government standards—a fact certified by the laboratories in a sworn statement.*

There are no tests, however, to show the rich beauty of Pequots, or how their smooth, non-rumpling texture contributes to sleeping comfort. That's another Pequot "plus" you'll enjoy discovering!

PEQUOT MILLS, SALEM, MASS.

**THE TAB MUST PROJECT**  
—or it isn't a Pequot!  
Only Pequot has projecting-size tabs, to help you pick the size you want from your hurn selves.



# PEQUOT SHEETS

PEQUOT...AN INDIAN NAME

PRONOUNCED FEE-KWAT





With proud determination Mrs. America approaches her annual assault against dust and dirt. Ordinarily this involves cleaning walls, waxing floors, polishing furniture. This year it can also release vital scrap materials for war.

## SPRING HOUSE CLEANING 1942: FORWARD MARCH WITH THE SCRAP BRIGADE!

**H**OUSE CLEANING this Spring is giving Mrs. America the opportunity to make a vital contribution to the war program!

She can help feed our factories the scrap they need by turning in *all* the old junk that has been kicking around her house for years.

Basements, attics, garages, closets are now yielding up vast hoardings of old rubber, scrap metal, rags, waste paper—scrap materials that can help provide vital war matériel.

Metals will soon be going into guns, tanks, ships, shells. Old rubber will become tank treads, gas masks, lifeboat rafts, pontoon bridges.

Typical statistics released by our Government show how much this activity by the home front "Scrap Brigade" can help . . .

29 pounds of old rubber will make one life raft for a Navy plane!

12 pounds of scrap metal will provide half the steel required for a small machine gun!

The pictures on these pages are published by the makers of Johnson's Wax to show how every housewife can join in this vitally important job.

Copyright 1942, S. O. Johnson & Son, Inc.



Search for old rubber begins in closets, ends in garage. Old rubber gloves, old overshoes, torn rubber boots, worn bath or sink mat, the tire from Mary's swing, worn rubber heels. Every ounce counts!



## Advertisement



**Tidy basement reduces fire hazard!** Collect old iron or brass beds—stoves, toasters, irons, fans—locks, springs, lighting fixtures, toys, radio parts—pots, pans, pipes, old tools, radiators, batteries. But *not* things you still can use



**A clean attic is a safer attic.** Old rags and paper are precious for war needs. Collect worn clothing that cannot be mended—old bedding and mattresses, quilts, pillows, carpet, rusted cloths—no matter how badly worn.



**When you're ready, sort metal, rubber, rags in piles.** Tie paper in neat bundles. A local junk collector (see classified directory) will pay fair prices—or you may give to charitable organization. *Deliver scrap yourself if you can.*



## THE CONSUMER'S VICTORY PLEDGE

As a consumer in the total defense of democracy, I will do my part to make my home, my community, my country ready, efficient and strong.

*I will buy carefully  
I will take good care of the things I have  
I will waste nothing*

Signature .

When you sign this pledge, you are joining the ranks of the millions of consumers cooperating in National Defense. Will you please sign it and send it to

CONSUMER DIVISION, OFFICE OF PRICE ADMINISTRATION  
Washington, D. C.

16-34304-1 GPO

**Your Government** wants you to sign this Consumer Victory Pledge. If one is not available locally, you may tear this out, sign it, mail to Consumer Division, OPA, Washington, D. C. "Waste nothing—buy carefully—take good care of the things you have."



**One easy, inexpensive way** to "take care of the things you have" is to protect them regularly with genuine Johnson's Wax. Floors that are wax-protected grow more beautiful every year. A wax-protected home makes every house cleaning easier.



**Furniture, woodwork, windowsills, leather goods, refrigerators, many other objects** are protected against wear, are easier to clean, when polished regularly with Johnson's Wax.

**Linoleum surfaces** protected with Johnson's Self-Polishing Glo-Coat last 6 to 10 times longer than if unprotected. Glo-Coat needs no rubbing or buffing—saves years of labor.







TWIN CURLICUES OF METAL COIL UP FROM TWO CUTTING TOOLS ON BIG ALLIS-CHALMERS PLANER AS IT SHAVES PIECE OF FINE ALLOY STEEL DOWN TO SHAPE FOR U. S. NAVY

## MACHININGS SCRAPS PRODUCE PRETTY PATTERNS

**M**ost men regard machine tools today as instruments to cut, plane, drill, grind and shave hard metal into hard tools for war. They are interested only in seeing that the cutting, planing, drilling, grinding and shaving are done at top speed so that jobs will be finished. Other men still have the time and interest to see beauty in the machines at work. The men who tend the machines have this warm interest. So

does Torkel Korling, famous industrial photographer.

Mr. Korling went to the Allis-Chalmers plant in Milwaukee to take some pictures of the work it is doing for the U. S. Navy. He became fascinated by the shapes that metal shavings assume as they curl off the big machines. He took a handful of these metal chips home with him and there photographed in color their exquisite patterns, which are shown on page 47.



# It gives a girl *GO*

*when she eats  
her milk, too!*



**T**OMBOY—that's what!

And her Dad grins, and can't resist bragging to fathers of pale, stay-at-home little girls.

He brags about Mother, too—who's smart enough to have her family *eat* their milk, besides drinking it. In all sorts of delicious ways.

Being practical . . . and modern . . . she uses Carnation Milk—figuring a milk *prescribed* for thousands of babies will do well by *any* age.

Have *you* thought about it like that? Have *you* realized Carnation is fine whole cow's milk, with all the milk's original nourishment, plus "sunshine" vitamin D?

Put back the natural water that's been removed—and you have fine milk for drinking. Use Carnation for cooking, and see what new richness and flavor you get. Just try it, diluted in any favorite recipe calling for milk, or undiluted, in a recipe that says *cream*. You can learn some new tricks from the fine new Carnation book of milk-rich recipes. They're what we mean by *eating* milk.

## IT'S PARTYFIED! CHERRY BAVARIAN CREAM



$\frac{1}{4}$ cup Carnation Milk, diluted with $\frac{1}{2}$ cup water 1 tablespoon gelatin 2 egg yolks	$\frac{1}{4}$ teaspoon salt 5 tablespoons sugar $\frac{1}{4}$ cup maraschino cherry juice 2 egg whites	$\frac{1}{2}$ cup Carnation Milk, chilled icy cold and whipped Maraschino cherries for garnish
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Scald the  $\frac{1}{4}$  cup milk, the water and gelatin in top of double boiler. Stir to dissolve gelatin. Beat egg yolks with salt and 2 tablespoons of the sugar. Add hot milk slowly. Return to double boiler and cook until thickened, about three minutes. Cool mixture. Add cherry juice. Beat egg whites stiff, gradually adding the remaining 3 tablespoons sugar. Fold into cold custard. Fold in the stiffly whipped milk. Pour into a mold. Set in cold place to jell. Serve unmolded, garnished with cherries. Serves 6 to 8.

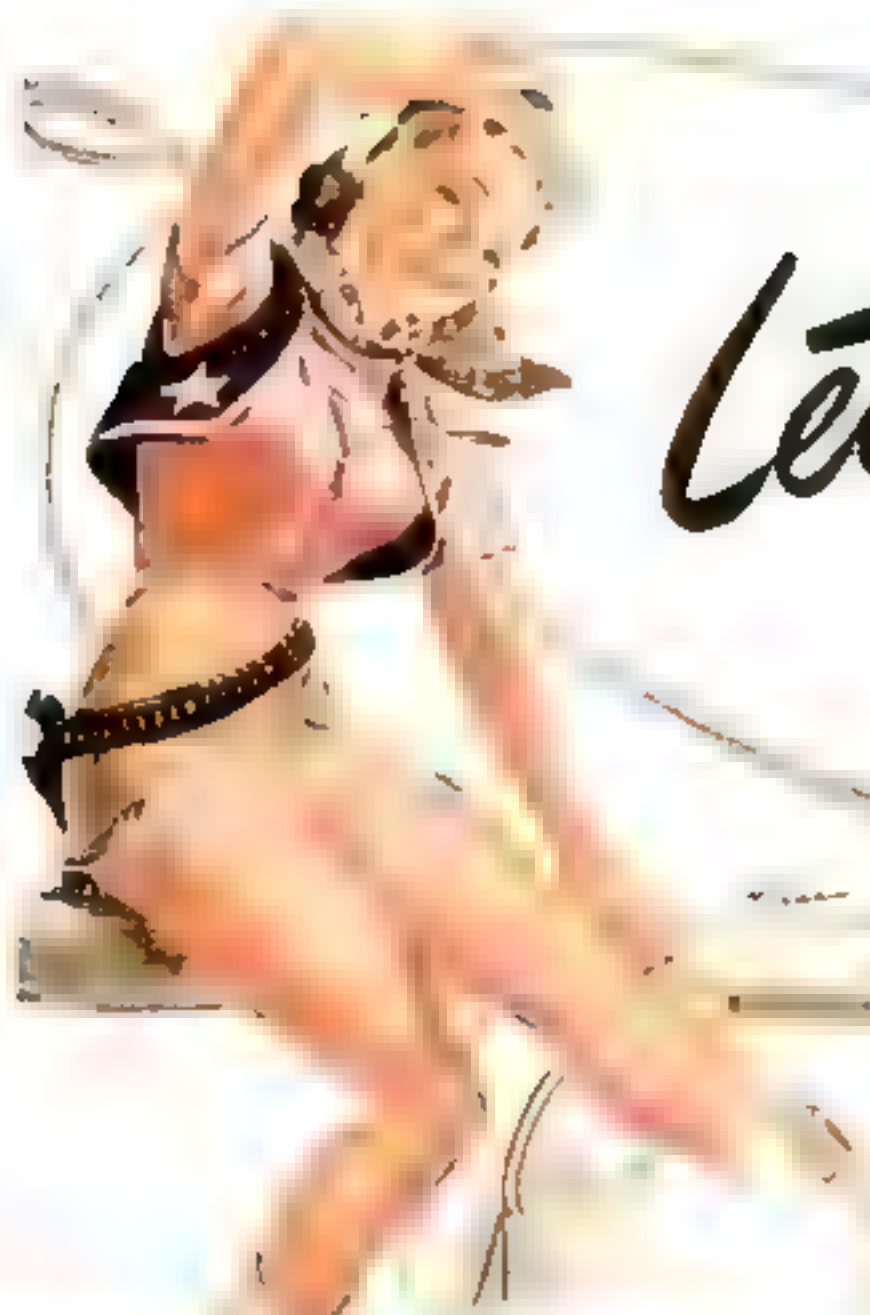


**FREE!** Helpful new book of milk-rich recipes—"Growing Up With Milk." Gives you menu suggestions and recipes for all ages. If you've never cooked with Carnation Milk—here's your chance to learn dozens of delicious, helpful dishes that help the whole family *eat* milk. Send a postcard for your copy. Address Carnation Company, Dept. L8, Milwaukee, Wis., or Toronto, Ontario, Canada.

30 SECONDS IN THE CARNATION "CONTENTED HOUR," MONDAY EVENINGS, NBC NETWORK

**IRRADIATED**  
**Carnation Milk**  
"FROM CONTENTED COWS"





# Let's Go!

## 2nd Annual B.V.D. Sports Round-up

In this annual event, B.V.D. rounds up the "cream of the crop" in sportswear style. Here are four of the new summer shirts, typically smart. For the right touch of color

and for downright easy-going comfort, you can't beat 'em. Your favorite store has these and many others, . . . all bearing the famous brand you can rely on—B.V.D.

*"Next to myself, I like B.V.D. best"*



**"RUGGERS" Shirt** by B.V.D.—the two-way shirt. Its convertible collar can take a tie or leave it. Model illustrated is "Bahama." \$1.65 with short sleeves. \$1.65 with long sleeves. Other B.V.D. Ruggers shirts, \$1.35 to \$4. Small, medium, large and extra large.



Illustrated **"ROGUE" Shirt** by B.V.D.—a button to button with. Patent V neck opening closes itself. Sketches: "Annapolis." Short sleeves, \$2. Long sleeves, \$2.50. Other B.V.D. Rogue shirts in gabardine, pique, shakelene, and rayon, \$2 to \$3.50.



MADE FOR THE  
**B.V.D.**  
BEST RETAIL TRADE



**"ROVER" Shirt** by B.V.D.—broad, military. Its shoulders achieved by a distinctive patch design. Model illustrated is "Nubia." With short sleeves, \$5. With long sleeves, \$5.50. Other B.V.D. Rover shirts in a wealth of attractive fabrics, \$2 to \$4.



**"ZELAN" Shirt** by B.V.D.—away any place. Wear it in a downpour. Style of B.V.D. fly front sports gabardine, sueded twill, rayon covert, \$3 to \$4.





**TOOLS TURN OUT BRIGHT-COLORED CURLS OF BRONZE, BRASS AND STEEL**

[illegible]

From left are brass cuttings from a pump runner, thick parts being heavy cuts and the points thin cuttings from the small radius of the tool. Crinkled cuts at bottom right are thin finishing cuts from a bronze shaft. Though bronze and brass keep their color (through a cleaning, steel is changed by heat from gray to yellow to blue and finally to purple. By watching the color of his chips, machinist can strike the delicate balance between speeding his work and dulling his tool.



# Gene Autry tells how to Spark Up With Sparkies!

AND LOOK WHAT YOU GET!

IT'S SURE EASY, PARD! JUST EAT THE BEST-TASTIN' BREAKFAST FOOD EVER!

DOG MY DOGIES! DID YOU KNOW THIS IS AGOIN' ON EVERYWHERE?

AVERAGE AMERICANS LACK "MOST MISSING" VITAMINS B<sub>1</sub> AND D!

SOMETIMES UNSUSPECTED CAUSE OF FATIGUE, LOST PEP, POOR GROWTH, BAD NERVES!

SAY! BET ALL MOTHERS ARE GLAD TO KNOW THIS!

BONUS OF BOTH "MOST MISSING" VITAMINS NOW IN SPARKIES!

BOYS AND GIRLS CAN'T HAVE SPEED AND PEP OR GROW TALL AND STRONG WITHOUT "MOST MISSING" VITAMINS! SO SPARK UP WITH SPARKIES AND GET 'EM!

GENE AUTRY  
A Major Star  
of the Republic Pictures  
and the Radio  
Woolly Ranch CBS

SPARK UP WITH

WHEAT OR RICE \*  
**Sparkies**

ROPE YOURSELF THIS SPARK UP BREAKFAST TODAY!







CHIPS ARE PULLED from side-cutting roughing tool with big hook. If allowed to break off, they spin across the floor and with their sharp edges turn into dangerous missiles.



CHIPS ARE DUMPED into big bins. Each bin is set aside for a different type of metal. Scraps are ultimately melted and re-used because nothing goes to waste these days.

**It's a TRIPLE LIFE**  
for me—and my  
Buxton "3-Way"  
is the **ONLY**  
Billfold that can  
keep the pace!

**\$5 in Supple**  
India Goat. In other  
leathers \$3.50 to  
\$10.00.

(Large Picture)  
Here's the Buxton "3-Way" for every day. 3 full-length compartments and 8 smaller ones to organize your money, checks, papers.

(Upper  
1/2 size Picture)  
Center partition completely removed gives you complete wallet—thin as a card, even in billfold.

(Lower  
1/2 size Picture)  
The center partition, when reversed, makes it a thin billfold—with secret pocket, grand for traveling.

Here's why my Buxton "3-Way" is actually three folds for the price of one!

- 1**  
**At the office**  
My Buxton "3-Way"—with its 3 full-length compartments and 8 smaller ones—is a regular office file! Keeps my papers, bills, stamps, cards, licenses shipshape and get-at-able.
- 2**  
**As a man about town**  
I remove the center partition of my Buxton "3-Way." It gives me a billfold that's dressy...water-tight and complete. Holds everything, yet slips into the pocket of my evening clothes without making any bulge at all.
- 3**  
**For travel**  
The center partition reversed, gives me a secret hideout for larger bills and important papers. It locks into place by itself...keeps things safe and away from curious eyes of strangers.

**Free!** A booklet of swell suggestions from thoughtful remembrances at 75¢ to beautiful matched sets at \$25. Tells about leather, too.

Write Buxton, Inc.,  
4243 Orleans St.,  
Springfield, Mass.,  
or Dept. G, 47  
West 34th St.,  
New York City.



**No Stitches to Rip**—Buxton "3-Way" Billfolds are guaranteed to last until the leather wears out for they're folded with a patented, self-interlocking construction that requires neither stitches nor glue to hold them together. They're flexible, too. Expand as you cram them full, ease back as you lighten the load. They keep that "just-bought" look!

**BUXTON "3-WAY"**





"MISTER" MCILLYAR WEARS REGULATION BLUE SHIRT AND CAP

# FLYING CADET

Jim McIllyar gets basic training at Army Air Corps school in Texas

by GEORGE SESSIONS PERRY

At 5:50 a.m. a cannon goes off on the drill field. The noise rumbles down the barracks hall and shakes the windows. Automatically, half-awake, Mister McIllyar hits the floor, reaching for pieces of uniform. A new day has been begun abruptly and it won't slow down till night comes again.

Putting on his socks, Mister McIllyar glances out the window at the neon signal rings over the mess hall to see what uniform accessories are required for the day: raincoat, overcoat, white gloves, or what. Only by hurrying can he make breakfast formation.

Freshly shaved and immaculately dressed, Mis-

George Sessions Perry, one of the leading young writers of the Southwest, won the National Book Award in 1941 for his novel, *Hold Autumn in Your Hand*, published by the Viking Press, \$2.50. He is now unofficially attached to the Army's Gulf Coast Air Forces Training Center, to which he has offered his services as a special writer after being rejected when he tried to enlist. His first job will be a history of Southwestern aviation schools and his pay will consist solely of room and board at Texas's Randolph Field.

ter McIllyar hurries to the ramp outside the barracks, being careful, as he goes, not to walk with his hands in his pockets, which would cost him two demerits. By 6:15 he is standing at attention with the cadet regiment. Five minutes

later he is briskly eating his breakfast.

Mister James Diamond McIllyar is a part of that rising tide of the future, the U. S. Air Force. As such, he is one of the most important men on earth. As an underclassman at the basic training school at Randolph Field, Texas, Jim McIllyar is no longer the young man his friends back home in Galion, Ohio, remember. Nor is he yet the flying officer his Army friends

CONTINUED ON PAGE 12



ALONE IN HIS BT-9 TRAINER, MCILLYAR (NEAREST PLANE) PRACTICES FORMATION FLYING. THE GIANT OVAL WITH CLUSTER OF BUILDINGS IN DISTANCE AT RIGHT IS RANDOLPH FIELD



**SHE'S**

# Engaged

**SALLIE HAMILTON** and her fiancé, Ralph James White, while he was on week-end leave this spring. She is descended from one of the most distinguished Hudson River families. Sallie will have a military wedding in the famous West Point Chapel. She is another lovely engaged girl who uses Pond's Cold Cream to help give her skin a flower-soft, radiantly fresh look.



**HER RING** is a large 1 1/2 carat white solitaire with baguette diamonds on each side of the perfect center stone set in an exquisitely simple platinum band.



**SHE'S**

# Lovely!

Sallie's days are crowded with first-aid classes, engagement parties, defense work, wedding plans—but like engaged girls everywhere, she senses that one of her important jobs these days is also to look just as pretty as she knows how.

"No matter how rushed I am, I'm not going to let my complexion get that dull, neglected look," she says. "That's why I'm so careful never to skip a day with my Pond's creamings. Pond's Cold Cream is really the simplest, most effective way I know to help keep your skin fresh and smooth looking."

Sallie prefers to give her lovely face a twice-over creaming with Pond's—like this:

**SHE SLATHERS** Pond's Cold Cream all over her face and throat and pats—quick—dry. Then she tissues the cream off. The lumps soften dirt and make-up.

**SHE RINSES** with more silky-soft Pond's and tissues it off again. "It leaves my skin so beautifully clean, and so soft to touch," she says.

Use Pond's Cold Cream—Sallie's way—every night—for daytime cleanups, too. Then you'll see why Mrs. Lytle Hull, Miss Fernanda Wanamaker, Mrs. W. Forbes Morgan—more women and girls everywhere use Pond's than any other face cream at any price.

Buy a jar at your favorite beauty counter today. Five popular-priced sizes—the most economical, the lovely big jars.



SALLIE HAMILTON HAS DELICATE WHITE SKIN, AS FRESH AND DAINTY AS SWEET-PEA BLOSSOMS

# She uses Pond's!

—it's no accident so many lovely engaged girls use Pond's Cold Cream



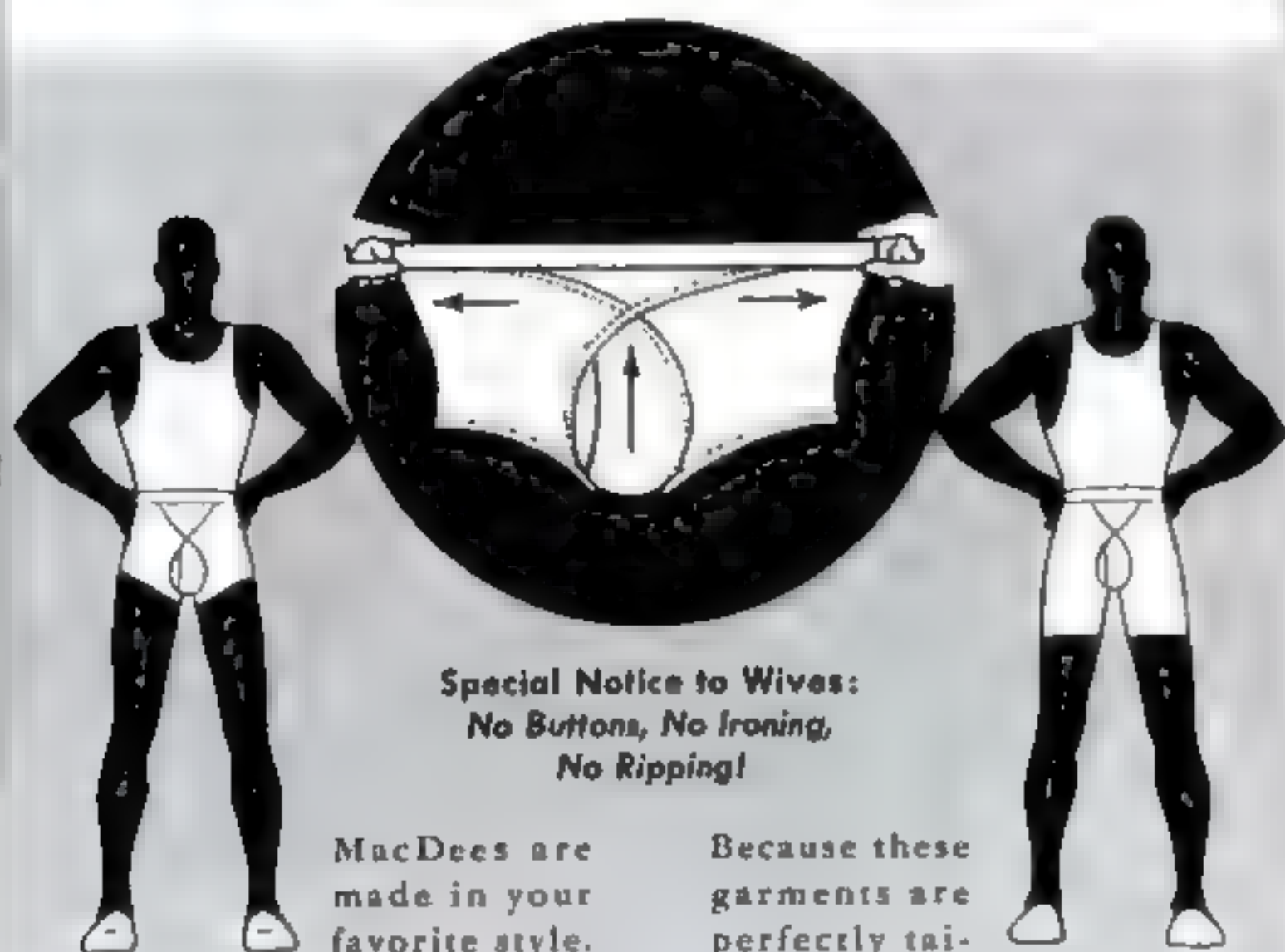




## Healthknits Are Engineered for **MEN OF ACTION!**

**Patented Cantilever Construction  
Gives *Healthknit* **MAC DEES**  
Gentle Lift that Lasts!**

• Sitting—standing—walking—driving—you'll appreciate the patented cantilever action of this new kind of men's underwear! Healthknit MacDees are engineered for your comfort—the exclusive new design provides needed *gentle lift*. The support is automatically adjusted—the more stretch at the waist, the more lift.



**Special Notice to Wives:**  
No Buttons, No Ironing,  
No Ripping!

MacDees are made in your favorite style. All include the exclusive feature which gives this new kind of men's underwear that "*gentle lift that lasts.*"

Because these garments are perfectly tailored, they fit smoothly—give complete comfort—and what's more, they *wear* longer than garments made less carefully.

## **Healthknit Kut-Ups**

**GET OUT OF YOUR LAP WHEN YOU SIT DOWN!**

That exclusive Kut-Ups feature—the definite long cut at the front—permits this garment to *give and come back* as you sit or stand. It can't roll, crawl, or bunch-up around your middle to give you "bunchy shirt."



See how an ordinary shirt bunches, because it has no place to go but *up*! This crawling, bunching, roping around your middle means discomfort to you.

See how the Kut-Ups Shirt gets out of your lap when you sit down! There's plenty of "give" here! It can't crawl, roll, or bunch up. Here's new comfort.



This is the patented feature!

YOUR RETAILER has Healthknit Kut-Ups and MacDees or Can Get Them for You Quickly! Ask Him!

**Kut-Ups—Healthknit—MAC DEES**

TRADE MARK REG. U. S. PAT. OFFICE

STANDARD KNITTING MILLS, INC., KNOXVILLE, TENN.



The Link Trainer, completely equipped with instruments and controls, teaches the cadets to fly by instrument, gives practice in navigation—all without leaving the ground.

## **FLYING CADET** (continued)

will know a few months hence. Just now he is an aviation cadet.

There is not an ounce of bravado in Jim McIllyar. He is not possessed of the innate pugnacity which sports writers call "a fighting heart." He never picked a fight in his life. But while he may be lacking in any passionate killer instinct, he is just as devoid of any softness or weakness of character. He will not become excited or confused in combat. When his instrument panel is shot away, he'll throttle by sound, fly by the horizon and, within the bounds of the possible, reach his target on time. He is the kind of man the Army wants at the wheel of a \$300,000 bomber in command of a bombing team of line invaluable men.

Jim didn't come into the Air Force directly. In January 1941 he volunteered as a private in the field artillery. "I'd been through college," Jim says, "and the idea of being a private, or maybe a corporal, for the duration was kind of hard to take."

He knew that if he could pass the Army's air training course he'd become a commissioned officer in 30 weeks. Not only would he receive an officer's salary, but 50% additional for flying pay. As a cadet he would get \$75 a month, plus uniforms, a \$10,000 Life-insurance policy, and free dental and medical care. That he would get to fly an airplane and cut poetic didos among the clouds was to Jim McIllyar no incentive at all. He disliked airplanes and was afraid of them. Finally, Jim did not enter the Air Force without reflecting at length on how such a change would affect the probability of his being killed.

Jim does not want to die—he wants to win. If in the process of winning he has to die, he considers it rather a shame, in that he is only 24 years old and shows some signs of promise. But he also realizes that for himself, as for the rest of us, death is but a matter of time, and that if in a dogfight he finds himself in a spot he can't get out of, it will amount only to a change in schedule of his expiration date. Much more important to Jim than when he dies is how he dies and how he kills.

"Bayonets," he says, "are bad business—either pushing them into people or having them pushed into you. In the Air Force you drop a bomb or shoot down an opposing mechanism, and fly away—which is lots easier to forget than the bayonet business. And if you get rubbed out," he snapped his fingers, "it's like that. No fuss. No muss. Just *whoof*, and that's all."

On that first flying day at primary school when his instructor strapped him into a plane, Jim sat there in a nervous, frightened sweat, simply paralyzed with fear of being afraid. The motor started and the plane tore across the field, the bouncing banging wheels making a noise that to Jim was the voice of doom. Then the wings, slicing into the air, lifted the plane off the ground, and that was the last of Jim's fear. As of that second, the germ, the virus, of flying was planted in his blood, and with each passing day the disease has grown more serious until now, with Jim McIllyar, flight has become an obsession, a headlong passion that has possessed and sharply focused his whole being.

Jim tries to get out of the mess hall as soon as possible after breakfast. By 7:30 his room, which he shares with three other cadets, must be ready to stand inspection sometime later during the morning, and he must be ready to go to class.

Everything within the room is left in a prescribed place in a pre-



scribed condition. Desk drawers are locked (a future officer must learn to protect the documents in his possession). The floor is clean, the furniture dusted, every chair, every bed dressed to a definite hair line. Every unused belt of every man in the room is rolled in a regulation manner and placed in a special drawer. Athletic shoes are laced, the strings neatly tied, the tops turned in. The clothing inside each drawer is folded and placed in a prescribed manner. Uniforms not in use have every button buttoned as they hang in the closet. Doors are left open at precisely 45°. The windows on the inside hallway are dressed exactly with every other window in the hall.

Once Jim's room has been put in order, he marches to his class in radio code. At 8:15 he studies airplane and engine operation, at 10:15 military law and courtesy, or navigation. At 11:15 come drill and athletics. Each morning while half the cadets are studying and drilling, the other half are flying. In the afternoon the procedure is reversed. That way every instructor, every training plane or piece of equipment, serves in a double capacity each day.

At lunch formation, Jim and the other "dodos" (Air Force rookies) must fall into ranks five minutes earlier than the upperclassmen. When that five minutes of upperclass luxury is over, the cadet battalion commander's adjutant roars out, "Ba-ta-lee-own atten-*chun!*" The company officers report, and the men are marched in to a meal that could be bought in almost any first-class hotel for \$2 or \$3.

The battalion commander orders "Take seats!"

### "Drive down the steak"

At Jim's table, he is a "gunner." He sits at the lower end of the table and when any serving dish is emptied, he raises his hand to summon a waiter. After the waiter has brought the dish, he hands it to Mister Mullyar (all cadets are addressed as "Mister," even by generals), who turns to the cadet officer at the head of the table and reports: "Sir, the steak (or whatever it is) has arrived." If any of the upperclassmen at the table are desirous of more steak, the order is, "Drive it down." If not, the order, putting the dish into general circulation, is, "Eat it up."

After lunch, at 1:15, Mister Mullyar marches to the flying line, jumps quickly into flying suit, helmet, goggles, earphones and parachute, and is ready to takeoff.

Standing out on the ramps before the hangars are hundreds of BT-9's and BT-14's, sturdy, low-wing monoplanes with blue fuselages, yellow wings and red-and-white tails. Over their dual-control cockpits are sliding glass canopies. In these ships Jim is drilled in the fundamentals of flying: level turns, climbing turns, gliding turns, stalls and spin recovery. A little later, to give him further confidence, he is taught slow rolls, snap rolls and *chandelles*. Later still comes formation flying, where the emphasis is on teamwork; then cross-country flying, where he gets his first sample of practical navigation.

Mister Mullyar is not, according to his instructor and check riders, what is known as "a hot pilot"—a hot pilot being to flying what Fred Astaire is to dancing. At the same time he is not a bad one. He works hard at it, listens carefully to instructions and thinks not only clearly but fast. Jim has soloed in a BT-9, and is beginning acrobatics and formation flying. Of formation flying, which he

CONTINUED ON NEXT PAGE



Last-minute pointers are given to Mullyar by his instructor, Lieutenant Hettrick (right), before dual-control flight. Both men must wear parachutes at all times when in the air.

# IS YOUR HOUSE HAUNTED?



## Can your present blend meet the INDOOR TEST or do stale odors haunt your house?

Compare your present pipe tobacco with BOND STREET—and you make an amazing discovery!

BOND STREET not only has the rich, mellow flavor and bite-free coolness of a custom blend... it actually leaves no stale pipe odors in the room!

You see—BOND STREET contains a rare aromatic tobacco never before used in any popular-priced mixture.

It's genuinely aromatic! So delightfully fragrant—even the ladies approve!

Get a tin—make this Indoor Test today!





IN TIME OF WAR THIS  
PHRASE MEANS MORE

*"Do it  
yourself"*

SAYS PETER PUTTER



"Be a Practical Patriot! Do over your floors yourself! It's a cinch with Double X. Removes varnish, shellac, wax, and bleaches the floor... all in ONE operation. All you need, a can of this white magic (75¢ at paint, hardware stores); a pail of boiling water; a brush or mop; some steel wool. P. S.—Schalk Chemical Co., 351 E. 2nd St., Los Angeles, will be glad to send you a 25¢ Get-Acquainted Package for only 10¢."

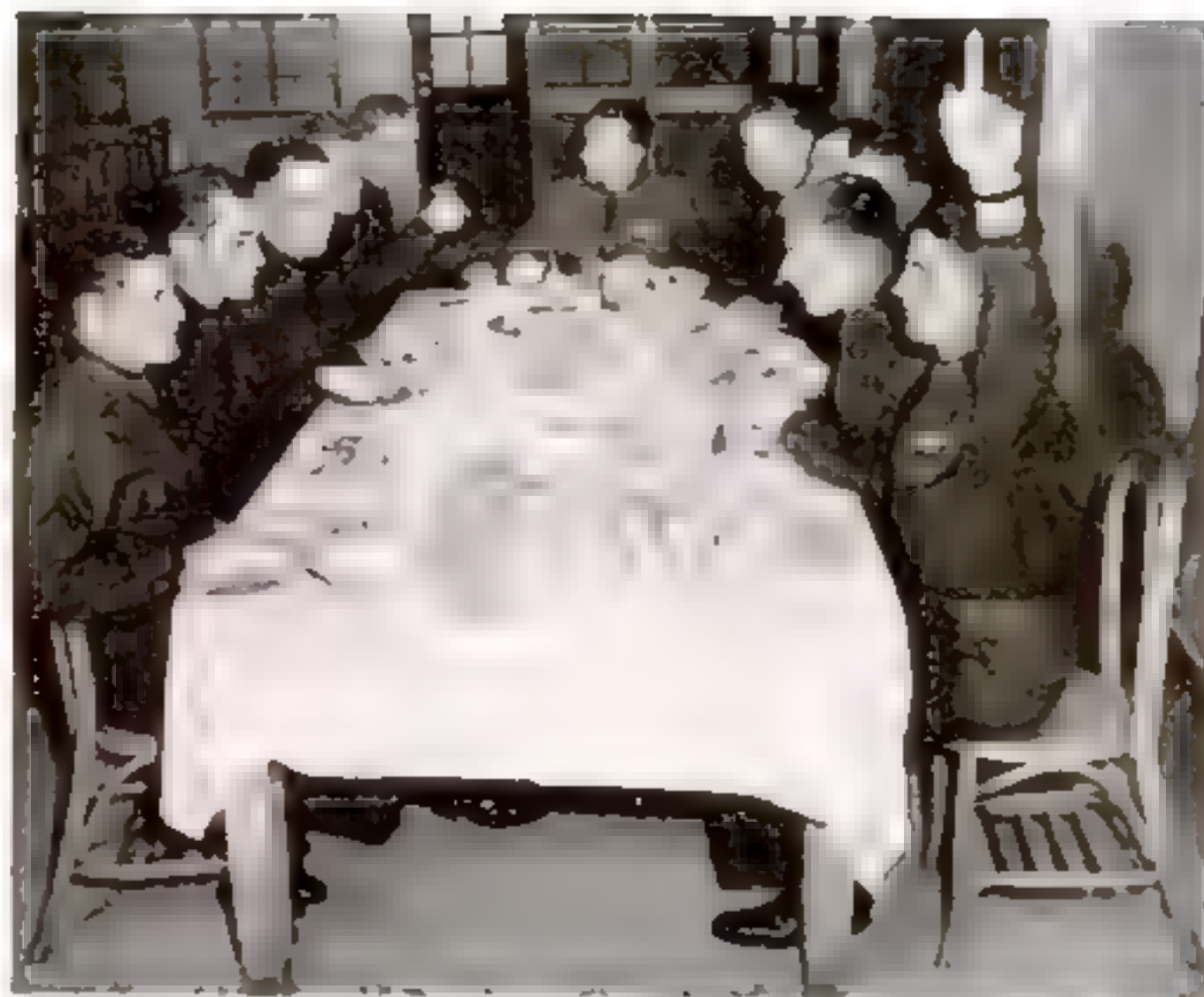


**SMOKE SMUDGE**  
DOES NOT CLOUD

*Our  
Smiles*



Smoke—or any smudge on your teeth—steals the sunshine of your smile. Be warned, Twice a day use IODENT Tooth Paste or Powder. Use IODENT No. 2 for hard-to-bryten teeth. You'll like refreshing IODENT. Made by a Dentist; guaranteed to bryten hard-to-bryten teeth or your money back.



At meals McIllyar must perch stiffly on the edge of his chair if so ordered by upperclassmen. Seated at the end of the table, he is the "gunner" and must signal waiters for food.

#### FLYING CADET (continued)

likes better than single-ship flight, he says, "It's trickier—maybe more dangerous—but at least somebody's up there with you."

Jim makes his first night solo on a clear night after the field has dried from a spell of rainy weather. The procedure is routine. His instructor, Lieutenant S. W. Herrick, takes him aloft and shoots three landings, to give Jim the feel of landing through, rather than on top of, the beam. Then the instructor gets out. The flight commander in the stage tower assigns Mister McIllyar a specific chunk of night in which to fly (the field is divided into quadrants called zones), perhaps gives him Upper Zone Three, and tells him to take off.

Mister McIllyar replies either "Wilco," meaning "will comply," or "Roger," meaning "O. K." He guns his BT-9 and roars across the dark runway, his wing landing lights off, and climbs into the topless, unfamiliar night sky.

Here is discovery, beauty, a little time to think—a moment to reflect on the utter differentness of this new Air Force world. He may even wonder how the nights will be over Australia and the Rhine.

Through his earphones he hears the directions of the flight commander to the other youths who, like himself, are circling in the night. At intervals Jim wonders about his oil pressure, air speed and r. p. m. But before taking his roving eyes off the dark globe of night, he remembers that once he looks down at his lighted instrument panel, he must level his ship by his instruments before again looking out of the cockpit. Otherwise, slightly blinded by the panel lights, he may be several seconds in re-determining where the horizon is or, in other words, which way is up. And that might be much too long.

After Jim has been aloft 15 minutes, the stage tower calls: "Upper Zone Three, come in for a wing-light landing." And down he swoops, cutting on his lights after the last turn and gliding across and onto the rushing earth.

Like most of his fellows in the Air Force, Jim has a heritage and background of small-town, middle-class America. His people were Scotch on both sides. The McIllyars have lived in America for generations but Jim's Grandfather and Grandmother Diamond were born in Scotland. Subsequently they came to Galion, Ohio, where their daughter married and where Jim grew up. After Jim's mother died when he was 9, he moved into the big, brown, two-story frame house of Grandpa and Grandma Diamond, which sat a couple of blocks off Galion's main street and was the same distance from Grandpa Diamond's hardware store. For Jim to move in with his grandparents made sense because his father, an insurance supervisor with eight agencies under his supervision, had a certain amount of traveling to do. It also made sense from Jim's viewpoint because, as the only grandson in the family, he was the darling of the household and cock of the walk.

As Jim grew older, he worked on Saturdays at the hardware store. For recreation he played golf or went fishing. "It was fun," he says, "to fool around on a creek and fish and sort of think things over." He never went hunting because he didn't like to kill things. When Jim finished high school, he went to Miami University at Oxford,

# TASTY

Made With  
REAL  
**Root  
Juices**



Only  
NATURAL  
FLAVORS

5¢

*New* **NEET DEODORANT**



**FOR UNDER THE ARMS  
of a  
NATION UNDER ARMS**

Whether you're engaged in war work... or the important job of being a woman, the sensational new NEET Cream Deodorant will preserve and defend your daintiness.

New NEET Cream Deodorant is a sure way of instantly stopping under-arm odor and perspiration from one to three days! A flesh-tinted, stainless, greaseless cream, that vanishes almost instantly, makes armpits dry and free of odor. Will not irritate the skin, or injure clothing.

Buy new NEET Cream Deodorant in the Blue and White jar today. Does not dry or cake in jar! Generous 10¢ and 20¢ sizes plus tax.

KEEP NEAT WITH...  
*New NEET Deodorant*  
GUARANTEED BY J. W. ROBERTS & SONS, INC.



CONTINUED ON PAGE 57



*natural beauty and this three times thrilling make-up*



Carmel Fitzgerald, one of the famous Powers Girls. In

models, John Robert Powers stresses natural beauty. In M. Powers' artificial Coty Make Up is used

*Texture* — The texture that "couldn't be true" . . . yet it is! Creamy, dreamy smooth. Silky in the way it goes on. Maraculous in the way it clings. The secret? "Air-Spun" Face Powder and Rouge are buffed by torrents of air. Whirled and swirled at cyclone speed, until the texture becomes microscopically smooth. *softer shades* — Both "Air-Spun" Powder and "Air-Spun" Rouge tint your skin like a gentle radiance. The shades as tenderly soft as those of naturally young skin. Smart shades to try: Gilane, Tamele and Soleil d'Or Face Powder; Magnet Red, Dahlia, Tamele Rouge. *Subtler perfume* — Coty Perfume are a flattering "plus" in "Air-Spun" Make Up. Scents are lastingly interwoven with other ingredients. Subtly soft — they seem like the fragrance of your own skin. Choose "Air Spun" Powder in your favorite scent. L'Origan, L'Aimant, Emeraude, or "Paris





*Blossom  
out with*

*Crispness*



They're like a dish from some never-never land. Rice Krispies are so amazingly different!

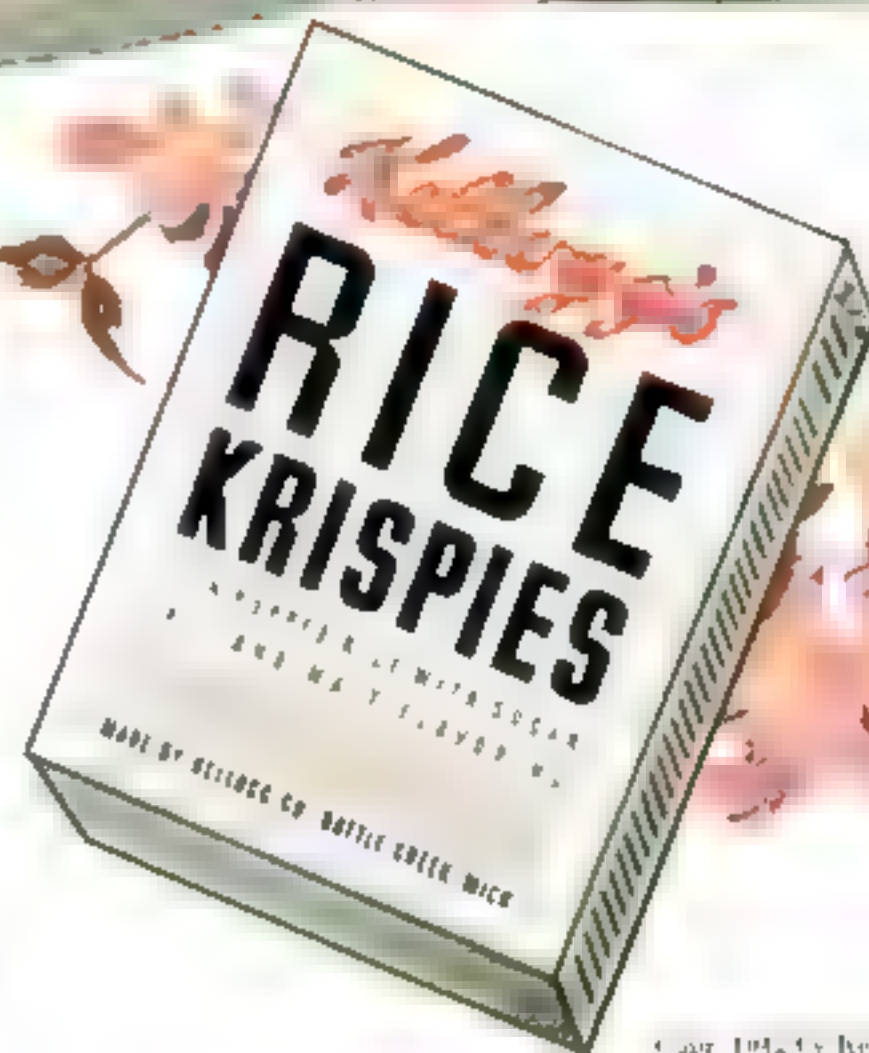
Ever listen when you pour milk or cream over an ordinary cereal? What happens? Dead silence. But not with golden Kellogg's Rice Krispies! Instantly, they snap! crackle! pop! to tell you how crisp they are from the first tempting bite to the last.

Nothing prosy about Rice Krispies'

flavor, either. Kellogg's special recipe, together with oven-popping and toasting, give a zestful, satisfying richness. Perfect for taking the kinks out of fussy appetites.

Get your family in stride with spring! Surprise them with sunny, delicious Rice Krispies tomorrow!

"Rice Krispies" is a trade mark (Reg. U. S. Pat. Off.) of Kellogg Co. for its oven-popped rice



Look for *Kellogg's* —the Greatest Name in Cereals!



FLYING CADET (continued)

Ohio, determined to be a doctor. But after three depression years, during which time Grandpa and Grandma Diamond died within a month of each other, Jim saw that his money wouldn't stretch over a seven-year medical course, and he switched to business administration.

In 1939 he graduated, and in September of the same year, after finding that he neither liked nor was any good at selling radio advertising, he took a job in Dayton as a record clerk for Frigidaire. By January 1941 he was a tracer, planner and forecaster. His bosses liked and relied on him, and he felt he'd probably do better as he went along. And since he was reasonably thrifty, it was plausible that he'd soon begin to accumulate a little money. Meanwhile, Congress had passed the Selective Service Act. Jim was plainly its meat. With a minimum of indecision he volunteered, and has been in the Army ever since.

When he was shifted to the Air Corps for training, Jim pointed toward bombardment which would give him experience in multi-motored planes because by then he was planning to be an airline pilot after the war. Now his plans have changed. "It happened at primary school," Jim says, "when, as an upperclassman there, I was made a cadet captain. It was the most responsible and dignified job I ever had. And I liked it. I liked giving orders and having those orders obeyed. I also liked it because I felt I was doing a good job. And now, more than anything else, I want to be a regular officer in the Army Air Corps after the war is over."

When Jim came to Randolph from primary school at Fort Worth, he had already had something like 65 hours in a primary trainer and considerable ground instruction. In his ten weeks at Randolph, he received some 30 hours in code, three in radio communication, 30 in weather, eight in navigation, ten in military law, and 20 in airplane and engine operation—not to mention a great deal of physical training and drill.

West Point cadets are possessed of no more military bearing and military poise than are Jim McIllyar and other aviation cadets. Except when a cadet is on the flying line or in the air, the acute discipline is never relaxed. Were Jim to be found sitting in a car with a girl on the post parking area, he would be gigged by the first officer who saw him. Were Jim to let a girl, his sister even, take his arm as they walked along inside the post, he would immediately receive five demerits.

Honor System for rule breakers

If, however, Jim breaks any military rule, and this infraction does not come to the attention of his officers, it is Jim's duty to post himself, be then called before the commandant of cadets, and tell whether his offense was intentional. Even though no leniency will be shown him because of his honesty, Jim says so if his offense was intentional.

As a matter of form, the commandant asks, "Any excuse?"

Except under the most extreme conditions, Jim is expected to answer, "No excuse, sir," even if he has one. In the Air Corps excuses are not in good order. As a consequence, the cadet offers no alibi and is plastered with demerits.

CONTINUED ON NEXT PAGE



Rugless, pictureless room, shared by McIllyar with three other cadets, illustrates the Spartan simplicity of cadet life. Note the precise adjustment of windows, chairs, lamps.



*to conserve vital metals* the Mennen Company has voluntarily discontinued packaging Brushless Shave Cream in tubes. Glass jars are now being used. The price is the same (50¢), but you get more for your money—the new jar is 25% larger than the tube.



**It's a Cream** **Not a Grease**

A recent survey revealed that more dermatologists use Mennen Shave Products than any other brand . . . more than the next two leading brands combined. This personal preference on the part of the highest authorities on skin care can only be attributed to the consistently high standards of quality maintained in Mennen Shave Products for over half a century.



YES! SHE CAN'T  
MISS WITH HER  
*Sunbeam*  
COFFEEMASTER  
*It's Automatic!*



- Shuts itself off when coffee is done
- Re-sets itself to keep coffee hot!



**Sunbeam**  
AUTOMATIC  
**COFFEEMASTER**

BY THE MAKERS OF SUNBEAM MIXMASTER

Coffee is ALWAYS perfect when Cofleemaster makes it because everything is Automatic. No watching. No guesswork. You simply put in the water and coffee, set the switch and forget it. Cofleemaster automatically *shuts itself off* when the coffee is done, and then re-sets itself to keep the coffee piping hot. Whether you make one cup or eight, the water is always at the correct high heat, and the brewing time is always uniform—secrets of a perfect brew. No glass bowls to break, either.

■ Many dealers have Cofoemaster, but if your dealer should not, it is because of the "all out" war production program at the Sunbeam factory. In such a case, put Cofoemaster on your "VICTORY LIST" of things to get first when peace returns. (We'll continue to advertise so you'll remember.)



**A** Put in the water and coffee

CHICAGO FLEXIBLE SHAFT CO., Dept. 53, 5600 Roosevelt Rd.,  
Chicago, Canada Factory: 321 Weston Rd., S., Toronto.  
Over Half a Century Making Quality Products

Yet, despite the rigor of Jim McIllyar's life, he is always treated with that respect for his intelligence and appreciation for his honor that are due an incipient officer and an actual gentleman. If an upper-classman wishes to straighten a dodo's tie, he asks first, "Mister, may I touch you?" If the Mister's permission is forthcoming, the tie is straightened.

Though the dodos are hazed by the upperclassmen, that hazing is never of a physical nature. The upperclassmen require the dodos always to be ready to give a complete report on the bill at the post theater, and the time that each show begins. Once a week at dinner there is poetry night, in which each dodo at a table must have prepared a poem. These poems are usually about the upperclassmen and are never complimentary—which is permissible so long as the insults are rendered in verse. But at the slightest whim, the upperclassmen may order the dodo to "Rack it back," or synonymously, to "Go into a brace, Mister." At which order the dodo must sit at absolute and exaggerated attention on the first three inches of his chair, and with his chin almost out of sight in his neck.

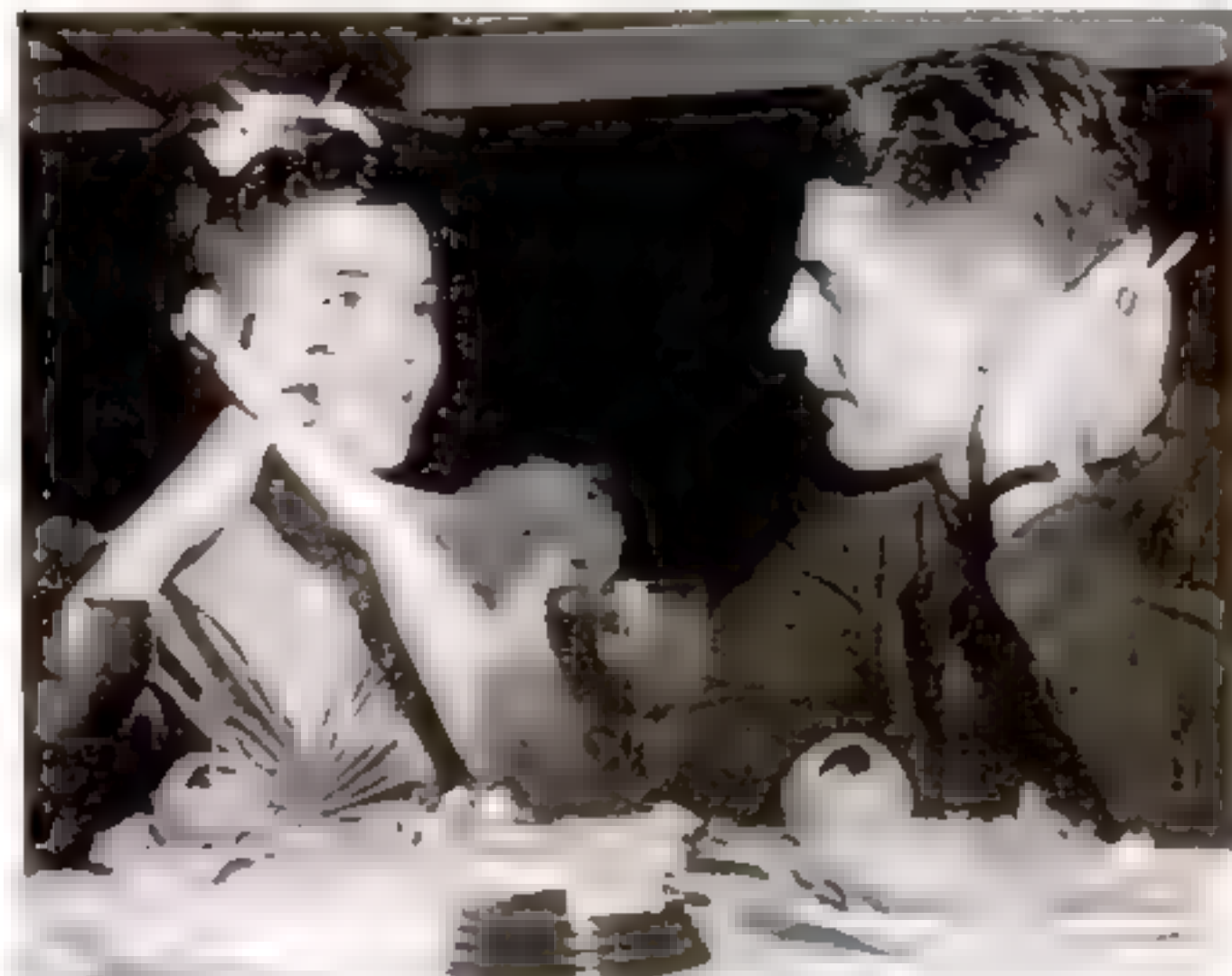
On Sunday, unless there's something special afoot, McIllyar is likely to enjoy a day of liberty, called "open post." If he likes, Jim goes into San Antonio, 17 miles away, on a bus. He may take a young lady to the cadet club at the Gunter Hotel. He has a membership there, for which he paid \$3 and which lasts throughout his life as a cadet so long as he is stationed in the vicinity. Here are other cadets and their girls, a juke box, and waiters to fetch scrums as desired.

But usually Jim calls on one of several San Antonio girls whom he knows and takes her to a hotel for Sunday dinner. After dinner Jim and his date generally go to a movie, and after that more or less where their fancy leads them, since San Antonio's early spring weather invites them outdoors. By the time Jim and his date drop in somewhere for a sandwich, it's time for him to start back to Randolph where he'll sign in by 21 o'clock, or, by civilian time, 9 p.m.

From Randolph Field, McIllyar goes on to advanced school at Lubbock, Texas. There, flying takes on a new meaning. He is already a reasonably good pilot. Further instructed in night and cross-country flying, Jim McIllyar, who never fired a gun before entering the Army, is learning to apply aviation to combat and destruction. Again there comes an upward jump in the power of the craft he handles. The primary plane with which his training was begun was a 200 h.p. job. The Basic Trainer he used at Randolph has 450 h.p. The planes at advanced school, armored and gunned, begin at 650 h.p. and go on from there.

Within a month, at the end of his course, skilled and steeled and indoctrinated, he will receive his second lieutenant's commission, \$245 a month in base pay, \$150 allowance for his uniforms, a set of silver wings to wear on his breast, and orders to join one of the fighting units.

There, because of his steady temperament and intelligence, he will almost certainly be given command of a bomber and its crew. And then, through night and clouds, through anti-aircraft fire and that of enemy fighters, Lieutenant James Diamond McIllyar of Galion, Ohio, will proceed against the enemy.



**Only free whole day** of the week is Sunday, plus occasional Saturday nights. Here Cadet McIllyar and Peggy Ponder attend a dinner dance at the Gunter Hotel in San Antonio.

A black and white photograph of a person standing on a tightrope, with the text "Balance does it!" written in a cursive font above them. The person is seen from behind, wearing a dark jacket and light-colored pants, and is holding a long pole for balance. The tightrope is stretched between two points, and the background is a blurred landscape.

Pacific Balanced Sheets, described on the opposite page, may be purchased at these and other fine stores:

Anaheim, N. C. .... BON MARCHE, INC.  
 Ansonia, C. S. .... JONES, INC.  
 Baltimore, Md. .... THE LIZBY S. BOWMAN CO.  
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If you don't find a convenient store listed here, write to Pacific Mills, 214 Church St., New York, for the name of the nearest.

**PACIFIC**  
*Balanced*  
**SHEETS**





**HOW TO BALANCE THE CORK** Cut off the head of a wooden match. Notch one end of match. Insert other end in a cork, preferably one with an interesting top like the one shown. Thrust two forks (of even weight) into opposite sides of cork. Set the little man upon a taut cord, held at an angle. He'll juggle right down without falling.

**FREE** on request "Balance does it," a whole booklet of annual tricks

This trick requires only a little knowledge, skill and patience, and it will amaze your friends! We have another balance trick which will amaze you: we've succeeded in balancing sheets!

In Pacific Sheets, strength, softness, smoothness, whiteness and fineness are in perfect proportion. Thread and weave are uniform. You get better wear and greater comfort at no premium in cost.

This trick requires much knowledge, skill and patience, but Pacific has them to give. Pacific Mills controls the making of Pacific Balanced Sheets from start to

finish. They are made of fine cotton, on modern machines, by skilled workmen.

Despite the war, Pacific's high quality standards are maintained. No substitution of inferior materials. No slackening in the vigilance of our keen-eyed inspectors. No skimping for profit's sake. Your full money's worth in every Pacific Balanced Sheet!

Look for Pacific Balanced Sheets next time you shop. They're available at many fine stores. If no store convenient to you is listed on the opposite page, write us for the name of the nearest one. **PACIFIC MILLS, 214 Church Street, New York**

Made by the makers of Pacific Faring Fabrics



**THE PACIFIC FACBOOK** is attached to each Pacific Sheet. It tells you all the facts you want to know with respect to Pacific Truth, Pacific Heavy Muslin and Pacific Percale: size, quality of fibre, type of weave, thread count, weight, finish, breaking strength, shrinkage. It helps you to choose the best sheet for you!



(Right) One of the most beautiful of Charles Belden's great photographs of the Far West. The picture shows a band of yearling ewes, "camping" at noon, on a spring day in Wyoming. To all who know Western landscape, it is full of the special, characteristic beauty of the country, with its thrilling sky, its infinite variations of light and shade, and the great sweep of the horizon. *Made on Kodak Film.*



(Above) In almost every American home, snapshots like this are being made today—pictures of old people and young, children and gardens and pets, all the familiar doings and scenes that make up the American way of living. Taken all together, these millions of snapshots constitute a wonderful record of a people and a civilization, the like of which has never been seen in the world before. *Made on Kodak Film.*



Millions feel the  
charm of the  
four pictures

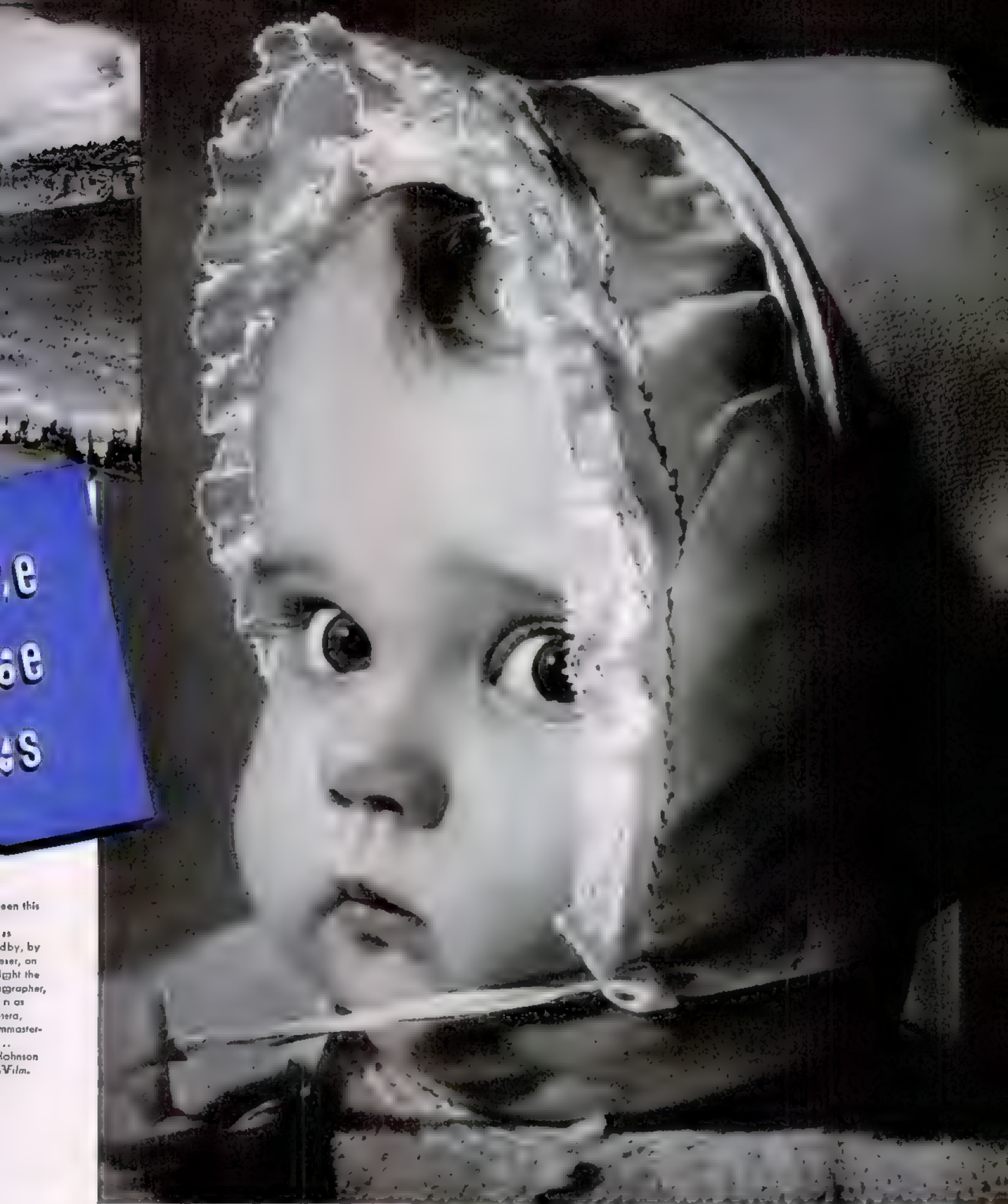


(Right) Few photographs have attracted as much attention and comment as this extraordinary picture of Roy Pinney. The child's errand to the studio, baby with her, and the photographer noticing the child's expression they talked, got out his camera and snapped the photograph piece of unstudied portraiture. Reproduced by courtesy of the National Geographic Society. *Made on Kodak Film.*

(Left) This tremendously popular photograph of collie pups was made by Esther Bubley, a Minneapolis art student. The charm of the grouping and the almost human expressiveness of the faces have delighted the great animal-loving public. *Made on Kodak Film.*

THE





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## GREAT PICTURES ARE MADE ON **KODAK FILM**

There is a Kodak Film for every picture-taking need. Use Kodak Film always; it pays.  
... Roll-Film Users: Accept nothing but the film in the familiar yellow box — Kodak  
Film — which only Eastman makes ... Eastman Kodak Company, Rochester, N. Y.





WHITE PEEKABOO RUFFLES, TRIED AND TRUE INGREDIENTS FOR BEAU-CATCHING, ARE COMBINED IN THIS EYELET DICKEY. DICKEY IS CAMOUFLAGE FOR A BLOUSE, HAS NO SLEEVES





CRISP BOWS ARE AS POPULAR AS RUFFLES. THIS OPENWORK BLOUSE HAS TWO

## FRILLY BLOUSES OFFSET MANNISH SUITS, MAKE WOMEN LOOK LOVELY

Men react to a woman in a frilly blouse much as a woman reacts to a man in uniform. A sheer white bow or ruffle tucked under the chin makes a man turn and look. It's a look of approval. The reasons are varied. In this wartime spring a show of fragile frills offers welcome relief from the trappings of war. There's something about a "fluffy ruffles" blouse (see cover) which is reminiscent of the carefree days of childhood and the scent of sun-dried clothes. It's the perfect foil for a tailored, mannish suit. Small wonder that this spring, when most women are wearing suits, the sheer blouse is tops in popularity. Current blouse hits are shown on these and pages following.



SHEER RUFFLES RIPPLE DOWN THE FRONT OF JOAN SMITH'S DICKY. COSTS \$2

CONTINUED ON NEXT PAGE

# Honey

BEAUTY ADVISOR SAYS:

**LOOK! HINDS GIANT SALE IS ON TODAY!**

BUY A REGULAR DOLLAR SIZE BOTTLE  
PAY ONLY **49¢**

**LESS THAN HALF PRICE!**

★ **LIMITED TIME—HURRY!**

★ **ACTUAL SIZE!**

★ **AT ALL TOILET GOODS COUNTERS!**

Housewives, war-workers, young girls... stock up on Hinds for the summer at this amazing sale price... only 49¢ for the regular 11-oz. dollar bottle! Hurry, scurry! This sale is on for a limited time only! Buy several bottles of fragrant, soothing Hinds Honey & Almond Cream TODAY!

- 1 Hinds for hard-working hands is extra-creamy, extra-softening.
- 2 Actually an emulsion of skin-softening ingredients. Cools sunburn.
- 3 Gives red, rough hands a softer, whiter look fast. Men like it, too.
- 4 Use before and after exposure; before and after laundering, dish-washing, gardening, factory work.

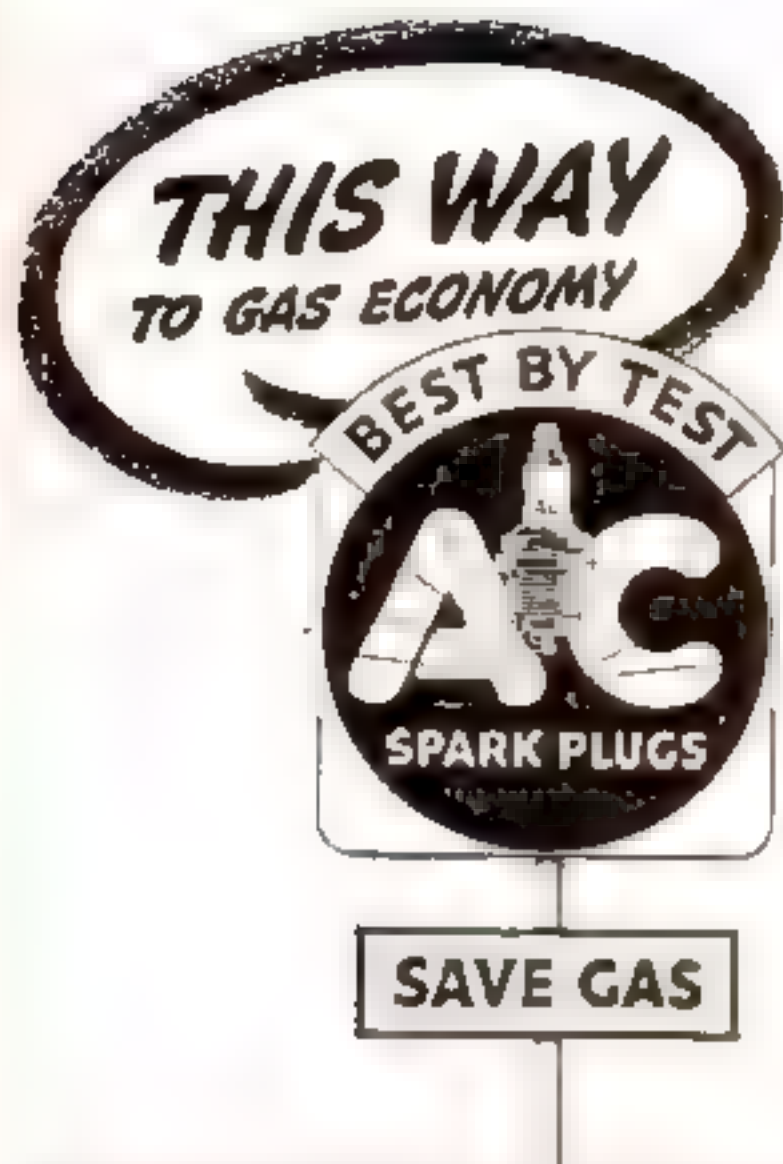
### LOOK WHAT'S HERE!

New! Pure! Antiseptic! ETIQUET DEODORANT CREAM stops under-arm perspiration and odor 1 to 3 days. Soothing—won't irritate normal skin. Works fast—no need to rinse off. Guaranteed as advertised in *Good Housekeeping*.



Copyright 1942, by Lehn & Fink Products Corp., Bloomfield, New Jersey





Conserve gasoline—conserve engine power. Spark plugs can help because dirty or worn plugs waste gas and steal power. So,—

Have your spark plugs cleaned and adjusted every 4,000 miles.

Replace badly worn plugs promptly.



GET PLUGS CLEANED  
where you see this Sign

Over the past ten years, AC's were used as original factory equipment on more new cars and trucks than any other make of spark plugs.



**"KEEP 'EM ROLLING"**

Do Your Part—  
Buy Defense Bonds

AC SPARK PLUG DIVISION  
General Motors Corporation

## Frilly Blouses (continued)



Frills in front help round out flat-chested girls, should be avoided by big-boomed women. Although young looking, they can be worn by either grandmothers or juniors.



Pleasant front confusion is caused by this frill piped in bright red. Sheer blouses look lovely but are a headache because they wrinkle easily and slip and bra straps show.



**A DAB A DAY**  
**KEEPS P.O.\* AWAY**

New cream positively stops  
"underarm Perspiration Odor"  
as proved in amazing

### HOT CLIMATE TEST

1. Not stiff, not messy—Yodora spreads just like vanishing cream! Dab it on—odor gone.
2. Actually soothing—Yodora can be used right after shaving.
3. Won't rot delicate fabrics.
4. Keeps soft! Yodora does not dry in jar. No waste, goes far.

Yet hot climate tests—made by nurses—prove this *dauntless* deodorant keeps underarms immaculately sweet—under the most severe conditions. Try Yodora! In tubes or jars—10¢, 30¢, 60¢. McKesson & Robbins, Inc., Bridgeport, Connecticut.



**YODORA**  
DEODORANT CREAM

## Tired Kidneys Often Bring Sleepless Nights

Doctors say your kidneys contain 15 miles of tiny tubes or filters which help to purify the blood and keep you healthy. When they get tired and don't work right in the daytime, many people have to get up nights. Don't neglect this condition and lose valuable, restful sleep.

When disorder of kidney function permits poisonous matter to remain in your blood, it may also cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, swelling, puffiness under the eyes, headaches and dizziness.

Don't wait! Ask your druggist for Doan's Pills, used successfully by millions for over 40 years. They give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from the blood. Get Doan's Pills.



## RUDOLF SERKIN! Hear the piano come to life under his virtuoso fingers!

His Masterworks include the definitive performance of Beethoven's great "Emperor" Concerto with Bruno Walter and the New York Philharmonic Symphony (M-MM-500) and the classic "Kreutzer" Sonata with Adolf Busch (M-MM-496).



## COLUMBIA'S NEW "SENSITONE-SURFACE" RECORDS BRING YOU FAR FINER TONE—55.3% Less Surface Noise!



**Lamination does it!** This Columbia process puts quality where it counts—on the surface. The record is made in layers, as shown above, with fine super-sensitized surfaces. The result: far finer tone, longer life, 55.3% less surface noise—according to measurements taken by the head of an independent non-commercial communications laboratory.

*The* FLUID BRILLIANCE of great piano music is not easy to capture on a record! And yet the new Sensitone Surfaces of Columbia Records bring you the Serkin you hear in the concert hall—the Serkin who is acclaimed the world over as the musician's musician! Serkin unblurred, undimmed!

True-to-life tone, longer wear, radically decreased surface noise—actually 55.3% less—you get all this in these new records that put quality where it counts...on the surface! The Columbia lamination process is the answer. It permits records to be made in layers, using finer, costlier materials on those all-important surfaces...materials that would be prohibitively expensive if used in old-style solid records. Play any Columbia Masterworks Record. Then play any other record made. Hear the difference!

*Outstanding Masterworks releases by a few of the great artists now recording exclusively for Columbia*

**BRUNO WALTER** and the Philharmonic Symphony Orchestra of New York: Beethoven's Fifth Symphony. Set M-MM-488, \$4.73

**RINE STEVENH**, mezzo-soprano: Arias from Mozart's Marriage of Figaro. 17288-B ..... 79¢

**JOHN HARRINGTON** and the Philharmonic Symphony Orch. of N.Y.: Debussy's Symphony No. 2 in D Major. Set M-MM-412, \$3.78

**ANDRE KONTELANETZ** and his Orchestra: Musical Comedy Favorites, Volume II. Set M-302 ..... \$3.58

**HUGAPERT STRING QUARTET**: Beethoven's Quartet No. 14 in C-Sharp Minor. Set M-MM-425 ..... \$3.78

**FRITZ HEINER** and the Pittsburgh Symphony Orchestra: Debussy's Iberia. Set M-MM-491 ..... \$3.88

(Prices subject to change without notice)



# COLUMBIA Masterworks RECORDS



*Something **NEW**<sup>\*</sup>  
has been added!*



(Left) Mrs. Evelyn Fletcher's starting her Victory Garden! Evelyn and Peggy Owens are interviewed by the Old Gold reporter.

**O. G. REPORTER:** Can I say "something new has been added" to your garden?

**EVELYN:** Yes, indeed! And if you want my views on adding something new to your Old Gold cigarettes...

**O. G. REPORTER:** That's why I'm here!

**EVELYN:** Tell your readers I like them even more since Latakia's\* been added.

**O. G. REPORTER:** Did you know more and more Old Gold smokers have been added!

**EVELYN:** I know a lot of people are changing to them.

**O. G. REPORTER:** Yes—for Latakia steps up flavor—and the pleasure you get.

**EVELYN:** I certainly agree.

**O. G. REPORTER:** Thank you. That's why we invite everyone to try NEW Old Golds!

**\*It's Latakia**, a costly, very flavorful Mediterranean leaf that now makes your Old Golds taste so good. This "seasons" the blend... keys up flavor... makes people enjoy every Old Gold more. Don't miss finding out about New Old Golds—today!





## MOVIE OF THE WEEK:

### *Saboteur*

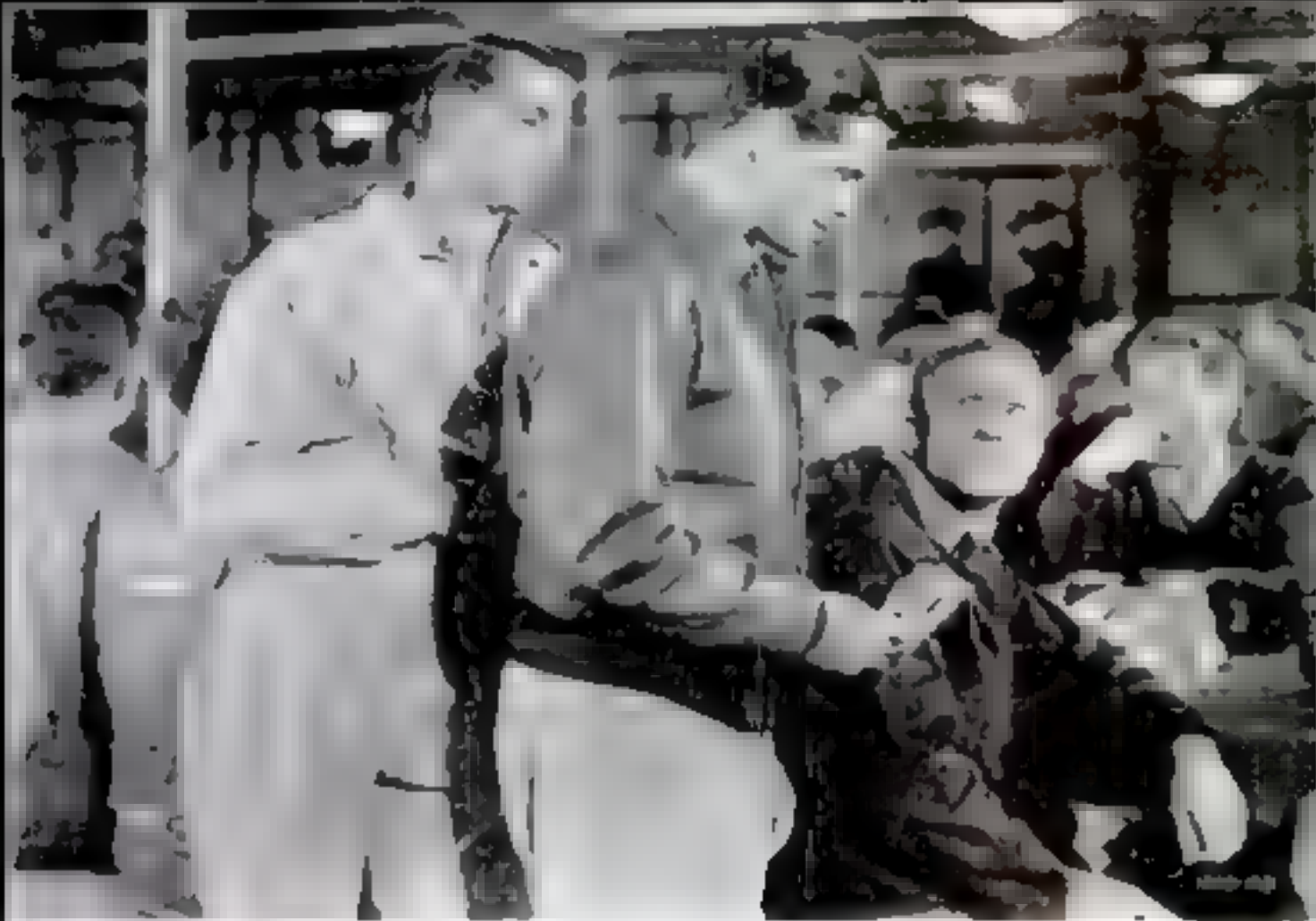
Hitchcock's direction turns a spy chase into swell thriller

Alfred Hitchcock won his spurs for directing his own unmistakable brand of English thrillers. Now after two years in Hollywood, Hitchcock directs Universal's *Saboteur*, his first melodrama displaying his English tricks against a U.S. background with an able all-American cast. What results is a swell, exciting show that argues well for Anglo-American teamwork.

In outline *Saboteur* is simply one long cross-continental chase wherein the hero pursues a gang of saboteurs bent on blowing up airplane factories, dams and ships. But Hitchcock scores on his twists of plot

and quirks of character. There are minor villains who drive through the night singing Tchaikovsky's *Tonight We Love*. There is a heroine who, when captured by the enemy, sends out for a strawberry soda for breakfast. There is another villain who worries about taking his kid sister to a symphony concert. These preposterous touches, paradoxically, make the whole thing far more believable.

Hitchcock's touch is most apparent in his succession of odd backgrounds, ending in the Statue of Liberty. *pages 70-71* It is the year's No. 1 movie climax.



In a vital aircraft factory Barry Kane, young worker Robert Cummings, finds and returns a \$100 bill dropped from pocket of another worker whose name, he learns, is Fry.



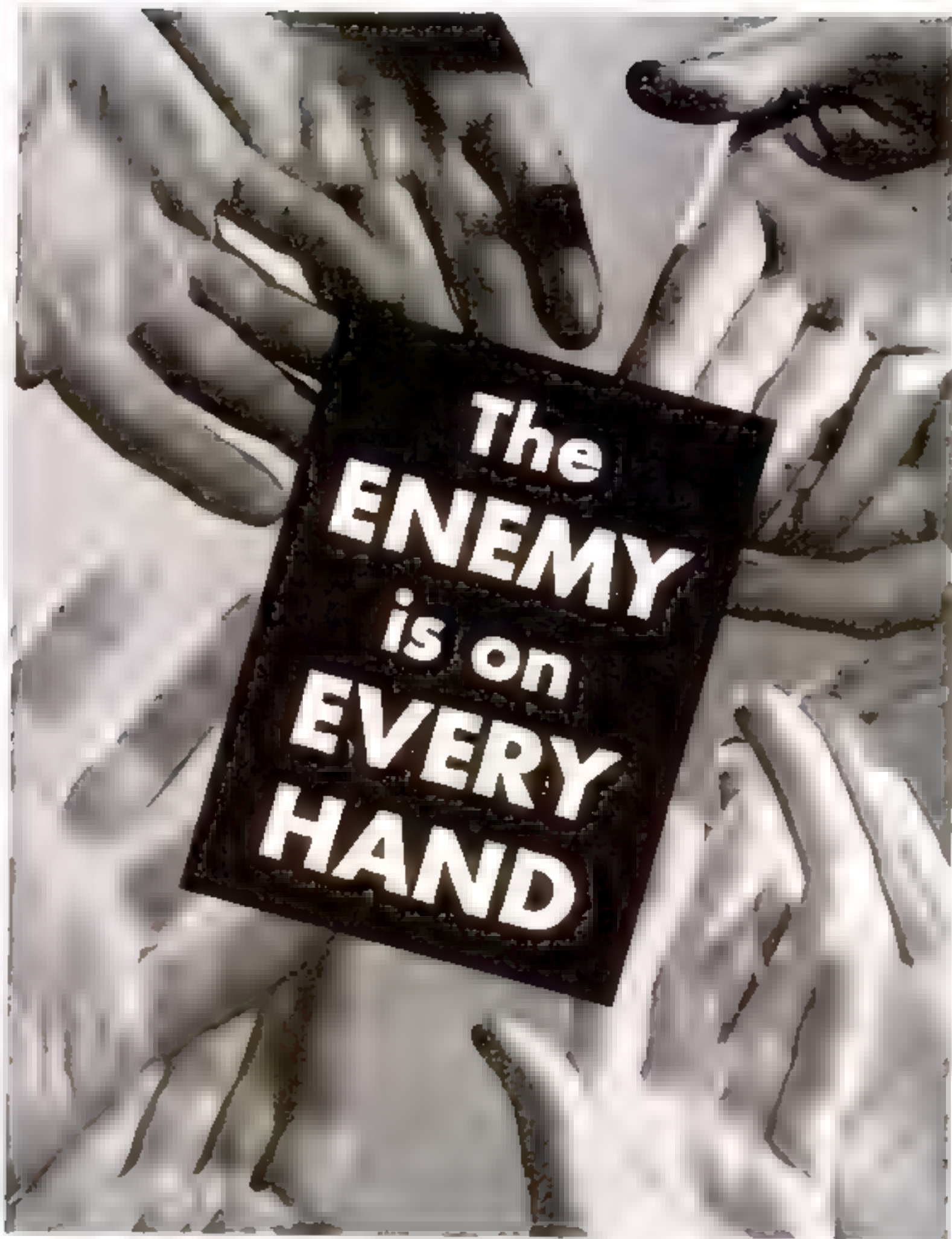
A mysterious fire in the paint shop of the factory does great damage to planes and kills Barry's best friend. Barry is charged with finding him in fire extinguisher filled with gasoline.



Fleeing from police, who believe he is the saboteur, Barry Kane hooks a ride on a truck, is questioned and released by an army State Guard. Barry soon vows to hunt down

Fry who really started the fire and handed his pal the gasoline-filled extinguisher. Fry then disappeared mysteriously from the factory with no record of his name among the employees.





HEALTH is America's number one asset. Without health there can be no victory.

America's sanitary standards, the highest the world has ever known, must be maintained.

Help your dairy man to protect these standards of which he is so proud. Today, because milk must be handled many times in delivery, he has added a final safeguard that protects it all the way to your door. Today, the sterile-clean Sealright hood that is sealed on the bottle at 500° F., protects the pouring-rim from handling and exposure, assures you of pouring out the milk over a sterile-clean surface.

Tell your milkman you appreciate this protection, that you want it continued. Support your public health officers. These key men in national defense, who endorse this sanitary protection are fighting to retain the health advances America has so dearly won through the years. Remember always, *health* is the stuff that victory is made of. Sealright Co., Inc., Fulton, N. Y.



PROTECT HEALTH WITH FULLY PROTECTED MILK!

"Saboteur" (continued)



Barry Kane jumps from bridge in the second act, then escapes from police. (Continued on page 69)



Barry muzzles a young model (Priscilla Lane) who tries to return him to police. (Continued on page 69)







## SUN MATES

### Slack Suits

As worn by Craig Wood  
U. S. Open Golf Champion

No matter what your own golf score is, you're still entitled to Sun Mates' champion comfort and prize-winning style. Designed to be worn together, these practical shirts and slacks can also be worn with separate trousers or other shirts. In cool-ironed fabrics, rayons or rayon and cotton blends. Free for fun on styling. Easy to launder. And economy priced in the famous Montgomery Ward tradition.

TAILORED BY THOMSON

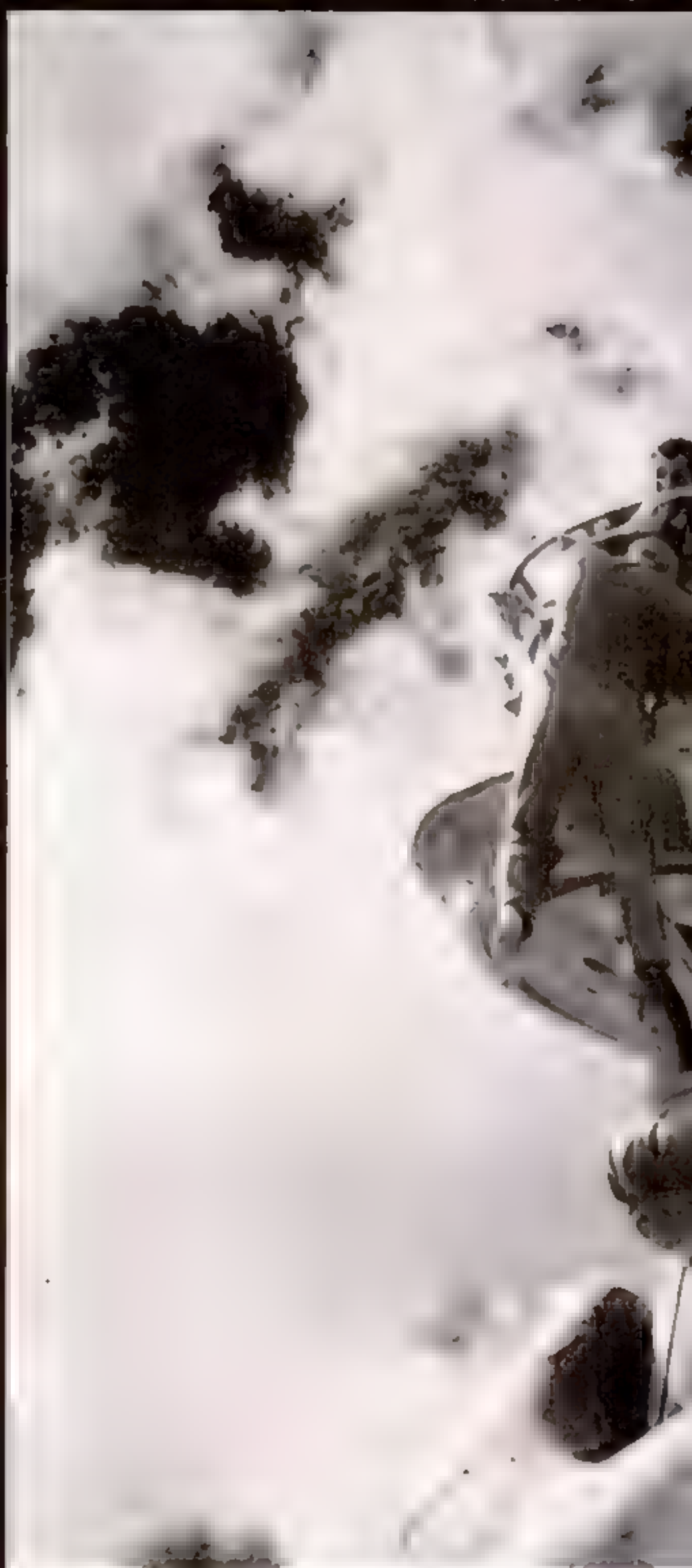
On sale at Ward stores or through  
our catalog . . . \$3.98 and more

**MONTGOMERY  
WARD**

"Saboteur" (continued)



in the Brooklyn Navy yard the letters are full of Barry's personal belongings. The man expects to be captured.



Into the Statue of Liberty's torch, towering high above New York harbor, the saboteur is pursued. Barry and his crew are running. Barry struggles.





At the Radio City Music Hall during a movie the saboteur flees from Barry, shoots his way free. This is one of Hitchcock's most original backgrounds



to hold him until the police arrive. Thus Frank Fry, the saboteur, meets his doom from the great statue which symbolizes the liberty he tried to destroy

## For Radiant MORNING FRESHNESS *and more vital, buoyant days*



**Do you awaken** fresh and buoyant? Or are you tired and listless—feeling worn or "old"? If so, here's news! Millions who feel this way can awaken sparkling and "alive" if they just get more of certain *rarer* food elements every day.



**For clear-eyed mornings**, thousands are drinking new, improved Ovaltine. For Ovaltine supplies not just 2, 4 or 6—but 11 important food elements—including vitamins and minerals frequently deficient in ordinary foods. Also, taken at bedtime it fosters sound sleep, *without drugs*.



**Brimming vitality**—new zest for life—sparkling freshness and vigor that lasts through the evening—are reported by thousands who take Ovaltine regularly night and morning. Why not see if Ovaltine isn't just what you need for radiant mornings and lasting vitality?

### TRY THIS SPECIAL FOOD IDEA before you go to bed tonight

**If** you awaken tired or nerve-jangled—if your freshness and sparkle are slipping away—you should know this.

As magazines are reporting daily, science and our government have found that millions of our people need extra amounts of certain *rarer* food elements to be vital, buoyant, "alive."

That is why so many people are turning to new, improved Ovaltine. For Ovaltine supplies a greater variety and wealth of important food elements than any single natural food. Vitamins A, B<sub>1</sub>, D and C—food minerals Calcium, Phosphorus and Iron—complete proteins. Besides other important food-factors including the new-found vitamins pantothenic acid and pyridoxin.

So try Ovaltine night and morning—start tonight! See if you don't begin to sleep better, awaken feeling *and looking* fresh and buoyant.

#### *Send for Free Samples*

OVALTINE, Dept. 812 L-5  
360 N. Michigan Ave., Chicago, Ill.

Please send free samples of Regular and Chocolate Flavored Ovaltine, and interesting new booklet about certain *rarer* elements in food.

Name.....

Address.....

City.....State.....

**OVALTINE**  
THE PROTECTING FOOD-DRINK





A cold soldier warms his hands at small stove of his shelter, called "doghouse." He has just come in from guard duty, patrolling up and down the vital tracks leading to West Coast ports.



Two soldiers play dice in Reno Fair Grounds barracks. Game is called "Captain, Ship and Crew" and the three dice are bounced off any convenient foot locker. Soldiers also shoot craps on payday.



A K. P. spud detail hard at work on a familiar Army chore. These "dog faces," a slang term for buck privates, are preparing dinner for "C" Company in their mess hall at Auburn, Calif.



Well-earned rest is taken by a soldier billeted at the Fair Grounds of Reno, Nev. His equipment is stacked about and his rifle suspended from a string to be easily found in case of emergency.



Cards are a favorite game of soldiers during their off hours. Here a group has congregated about a cot in the Reno barracks to play cards. Poker and gin rummy are popular with most American soldiers.

## BARSE MILLER'S SOLDIERS

California artist paints heroes of U. S. supply lines



BARSE MILLER

Since the Sunday morning in December when the U. S. entered war, the job of guarding America's military supply lines has assumed new significance. Harbors, bridges and railroads which at one time seemed unimportant must now be policed with unceasing vigilance. This means long tense hours for troops on guard. It means their few hard-won hours of rest and play are dearer than ever. Especially is this true of troops on the West Coast.

To record this phase of U. S. war effort, LIFE commissioned Barse Miller of La Canada, Calif., whose watercolors are noted for their rugged solidity. To get his sketches, Miller rode in the cabs of big locomotives and on little gasoline scooters with section gangs. He worked in the dark holds of troopships loading up for a long trip west and he painted with mountain patrols where his paint water continually froze. On this page are his quick sketches of camp life. Following them is a color portfolio showing how troops and supplies keep rolling to and from the big West Coast ports. These paintings are the first of a series commissioned by LIFE to illustrate America at war.





**New Year's Eve** in Aurora, Calif., two soldiers warming themselves in front of stove made from two oil drums. They have just come in from eight-hour guard duty, are as dejected as the forlorn Christmas tree in foreground on this holiday away from their home.

**In a former Southern Pacific station** sleep U.S. soldiers guarding the vital air route leading to the West Coast. This landing was once used by secret agents as a sign for their benefit can still be seen on the walls. Trains Chumley by Lee 10 ft from sleepers' heads.







The docks of a West Coast port show the vast fleets of equipment waiting to move to American armies overseas. Motor convoys, headed by truck with red flag and escorted by military

police, is bound for one of port's piers to be loaded on a ship. Keeping track of this equipment, only a small portion of which is shown here, is the job of the Quartermaster Corps.



Overflowing troop train stands at siding to discharge platoons of soldiers at port of embarkation. Here Barse Miller has caught hurried order of soldiers bound for an unknown destination.



The ballroom of a converted luxury liner holds banks of tables for dining. Though these quarters may seem crowded, they are the height of luxury compared to some World War I troopships.



Blue duffel bags on their shoulders, American anti-aircraft troops file into the lighted maw of a troopship. They will man the guns on the ship's deck to fend off attacks from enemy aircraft.



Forward deck of troopship is the favorite place for all soldiers when being transported. Here they sleep, talk, play cards, sun themselves and their laundry during the long voyage.





Off on perilous seas to unknown ports go the ships of a convoy. This cargo ship loaded with Air Corps equipment is swinging out into the channel. Soon it will rendezvous outside the

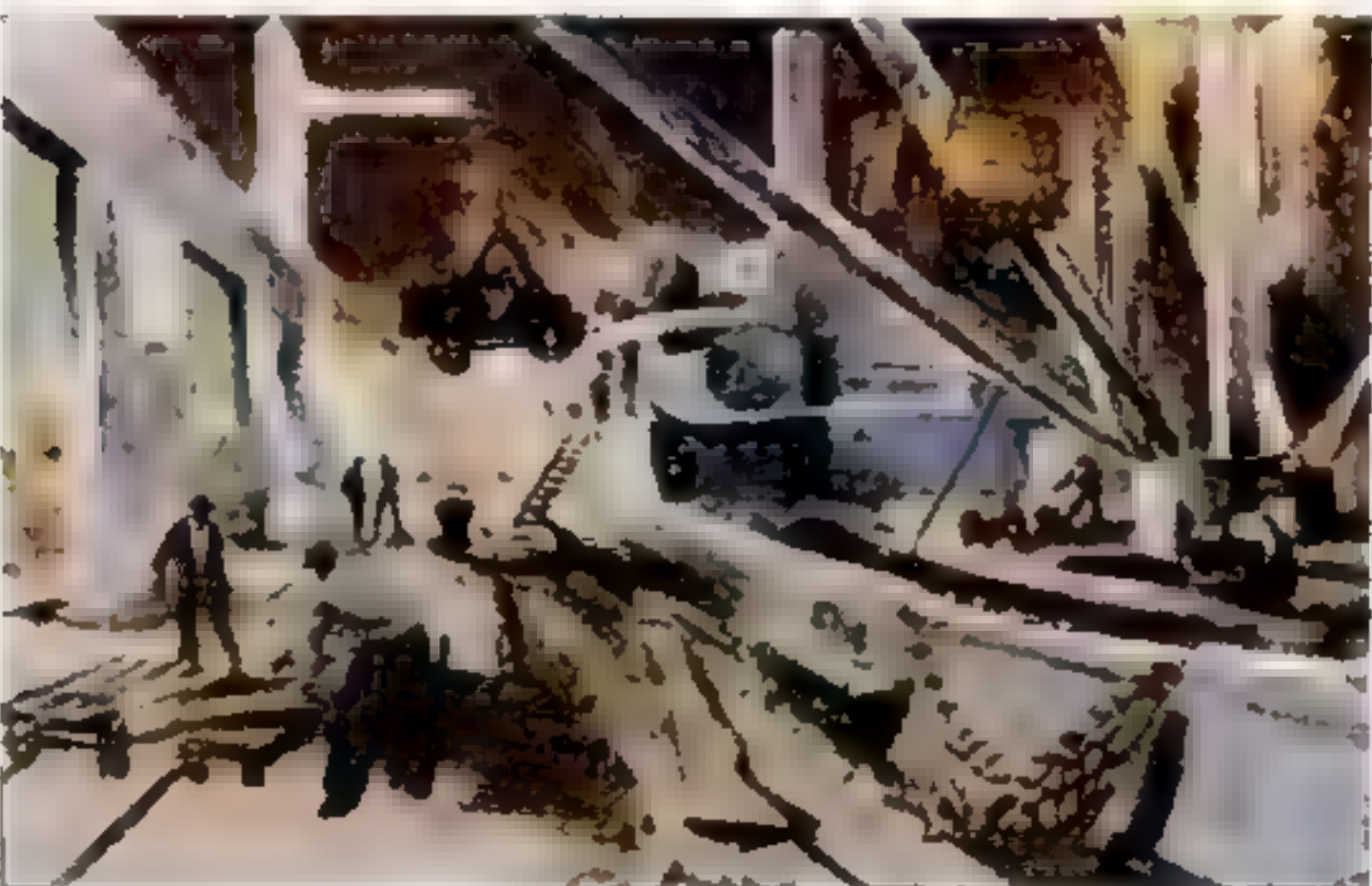
harbor with other ships of the convoy and wait for naval orders and protection. Then the long voyage—sometimes monotonous, sometimes exciting—begins for the many ships and men.



Welders, bound for Navy yard at Pearl Harbor, board Maritime Commission ship. These men are civilians, working on Civil Service rolls, and large numbers of them have gone to Hawaii.



Contraband is taken from the civilian workers. This includes weapons, liquor and electrical equipment. The latter, such as electric shavers, might reveal ship's position when in use.



Late at night, military equipment is loaded at the eerily lighted docks. Here a jeep is hoisted aboard a ship by means of a sling. Heavy tanks, ordnance and aircraft were also loaded.



On the eve of departure a loaded troopship waits by her dock for sailing orders. Armed guards patrol her length and a soldier mans machine gun behind sandbags at the entrance to dock.





**Bridge** near Fort Cadogan is a fine example of the work of the U.S. Army. The structure is a trestle bridge, over a deep canyon, and is a fine example of the work of the U.S. Army. The structure is a trestle bridge, over a deep canyon, and is a fine example of the work of the U.S. Army.

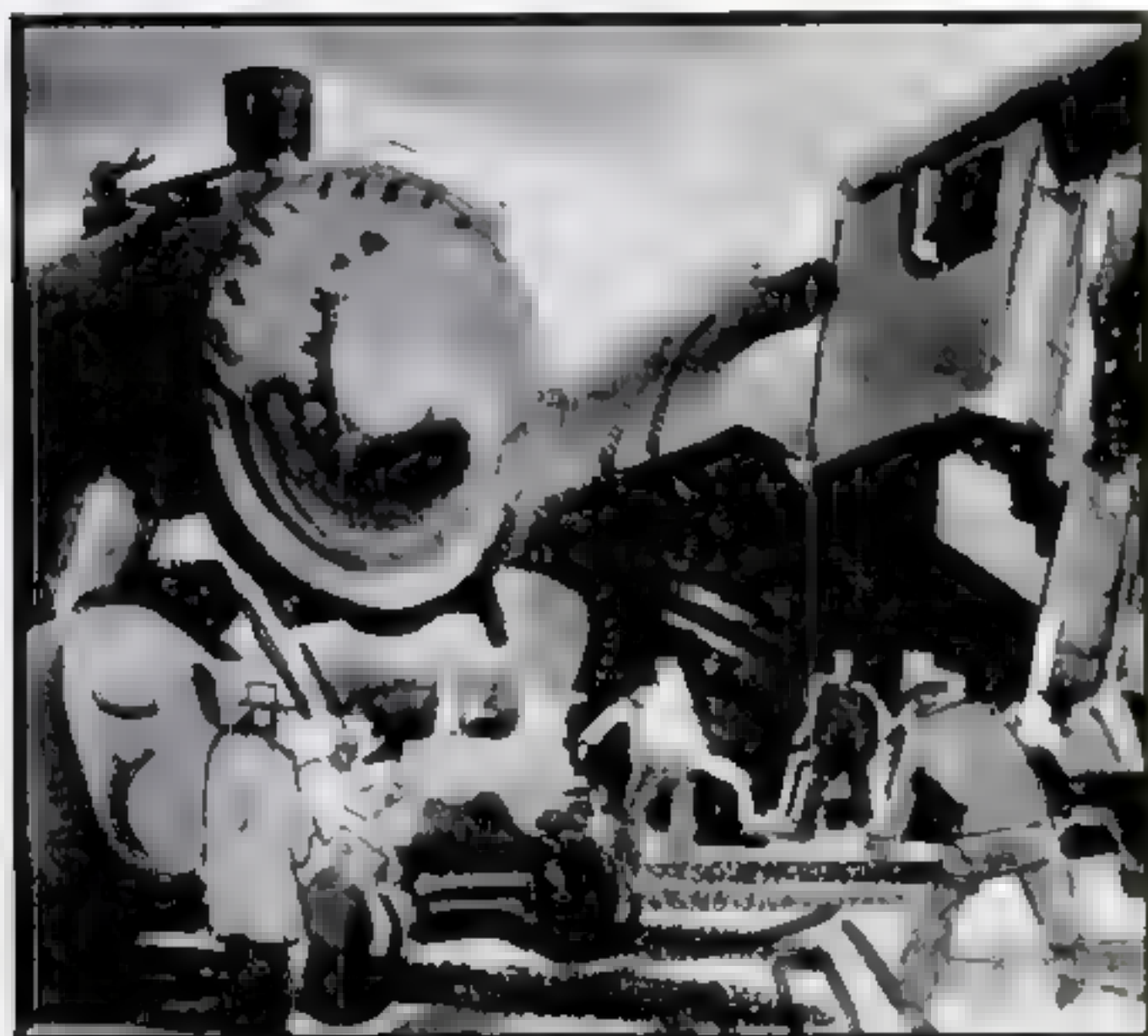
**Snow shed** near Fort Cadogan is a fine example of the work of the U.S. Army. The structure is a snow shed, over a deep canyon, and is a fine example of the work of the U.S. Army. The structure is a snow shed, over a deep canyon, and is a fine example of the work of the U.S. Army.







Tunnel entrance of Southern Pacific Railroad, which is a vital link in the supply route, is carefully guarded. Men make tours through tunnels, warm themselves in doghouse.



A Side-on Crash of two Southern Pacific freight trains is painted on the scene by Harse Miller. Though no sabotage was involved, this might happen were tracks unguarded.



Soldier gets a lift to his guard post with the section hands on a small gasoline scooter. Railroad workers are fond of the soldiers, often bring them newspapers and tobacco.

# "WE LIVE BRIGHT...!"



"No fooling about bright, clean teeth in the picture business... it's just part of the game that every star has to know," says Mr. Brent. No wonder many stars speak so appreciatively of Calox... a tooth powder with *two ways* to whiteness.



"No excuses allowed smokers, either." In any walk of life, teeth discolored by smoking are inexcusable... Smokers, keep your teeth fresh and attractively clean-looking with the help of Calox Tooth Powder.



Take your choice! Some folks shake Calox Powder into the hand, then pick it up with a slightly moist brush. Others shake Calox directly on the brush. Either way is fine—just so the powder's Calox, for brilliant, shining results.

## Two ways to WHITENESS

*your dentist follows both!  
so can you—with Calox*



Notice your dentist's technique when he gives you a dental cleaning. First, he thoroughly cleans your teeth. Then, and only then, does he polish them.

In your home care why be satisfied with less than BOTH cleaning and polishing, when you can get Calox?

Calox gives you not one or two, but *five* special ingredients for cleaning and

brightening. With every stroke of the brush, Calox helps detach food particles, removes deposits, cleans off surface stains. Your mouth is stimulated, refreshed. And with every stroke Calox *polishes*, too, making your teeth shine with their own clear, white, natural lustre.

In Hollywood, many a star trusts to Calox-care. Try Calox for *your* smile! McKesson & Robbins, Bridgeport, Conn.

# CALOX TOOTH POWDER





# HEPBURN IN HARTFORD

In her new comedy, "Without Love," the great Kate queens it for the first time in her old home town

Two weeks ago Katharine Hepburn performed in her home town, Hartford, Conn., for the first time since she has become a great lady of screen and stage. The occasion was marked by two conflicting phenomena. First, the people of Hartford displayed a natural interest in their local girl making good. Second, the prominent Hepburn family did everything to squelch this interest, even calling on the police to preserve their daughter's aloofness.

*Without Love*, the new Theater Guild play which brought Hepburn home on its try-out tour, was written especially for her by Philip Barry, author of her big hit, *The Philadelphia Story*. Witty and insubstantial, it revolves around the usual Hepburn role—a spirited, stubborn, highborn girl—which she performs with superb style and all the heatless brilliance of fluorescent light. Its Broadway opening is postponed until fall, while Hepburn makes another movie with Spencer Tracy, whom she may also enlist as her new leading man in *Without Love*.

In her two Hartford performances, Hepburn broke all attendance records at huge Bushnell Memorial Hall where nearly 7,000 people paid admission, totaling \$13,000. On her opening night after all reporters had been warned away, Dr. and Mrs. Hepburn and Katharine's married sister with her husband filed decorously into their sixth-row seats. After the show, in answer to cordial applause, Katharine gave a curtain speech. She told of her excitement on reaching the bend of the railroad track just before it hits Hartford. She spoke warmly of the station porters and taxi drivers. She spoke devotedly of her family and some of her old friends. It was a nice speech and sounded as if she really meant it.

But except for that moment Katharine Hepburn was unapproachable. She refused to be interviewed by a high-school boy or to be photographed with a 15-year-old girl who had won local fame as a budding actress. She refused to see any local reporters. Nobody questioned Katharine Hepburn's right to protect her privacy—every star must. But some Hartford people wondered why she didn't follow the gracious custom of setting aside an hour or two for interviews and greeting all comers.



Hepburn awkwardly proposes platonic marriage to young American-Irish diplomat who has lived with her platonically for several months. Diplomat is neatly played by Elliott Nugent.



Hepburn finds companionship with diplomat who wants no love because he once had an unhappy affair, while she wants no love since her husband's death destroyed her perfect marriage.



Biggest laugh in show is when Elliott Nugent snatches some false curls from Hepburn's head. This is the one moment of horseplay in Philip Barry's highly polished comedy of manners.

CONTINUED ON PAGE 21





## Tremendous Trifles shape our Way of Living

**A** LITTLE BLACK HAIRPIN—just a trifle...but mighty important to a woman's convenience and comfort. Many small, prosaic things—such as buttons, thread, matches, paper—are tremendous trifles in relation to the cleanliness and comfort that support morale.

They seem trifling because they cost so little. Research and engineering skill have brought their cost down and improved their quality . . . increased their contribution to higher living standards.

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**Scott Paper Company**





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● "Soon as Ingram's lather tops your facial timber, it helps to cool and condition your skin for shaving. It wilts whiskers so fast, your blade breezes through like a discus through the air."



● "After you've finished the finals—how much smoother your face looks—how much cooler it feels! And it stays braced and refreshed—younger-looking, younger-feeling—for hours on end."



● "An ace for your face—that's Ingram's! You need no tonics or lotions with this cooling, freshening cream. So leave shaves that bite and sting behind you... get cool, cool Ingram's today. It comes in a tube or a jar and, in either container, it's concentrated for economy!"

**INGRAM'S**  
SHAVING CREAM  
Product of Bristol-Myers



In a whimsical seduction scene, while her husband tinkles a piano, Hepburn reveals that platonic marriage is not what she wants. Her husband agrees with her completely.



True love at last unites the couple in another piano scene. Playwright Barry sees a parallel between this loveless marriage and the relations between England and Ireland.



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carburetors properly adjusted for available fuels, spark plugs cleaned and properly timed • Indeed, he can often give you helpful hints about driving that will help you adjust your car handling to the needs of wartime conservation • Your car is one unit in a national supply of automotive transportation which will have to see us through without replacement — so join hands with your dealer to conserve it, as you are now joining hands with other good citizens in the myriad activities aimed at hastening the day of final victory.

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For information, leaflets, guides, and other literature about saving, write for a free copy to the General Motors War Conservation Council, General Motors Building, Detroit.

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...get in Air Steps like the lift of a... It's the refreshing soft ease of... shock-absorbing... It's a rare treat to feet, an... rest of light, for the shoes. Be "Fresh at Five" in Air Steps. See them... Or write... BROWN SHOE COMPANY, M... J...

Mammoth bow knots of white splash across the rich coral spectator sports dress which Dusty Anderson, lovely young New York model, wears so effectively. Her Air Step spectators are white suede and tan calf. Delton pattern, and the white bonnet atop her pompadour is banded with coral ribbon. Costume and accessories, Richards, Atlanta



# SMALL TOWN CHOIR

Amateurs sing loud and love it

In thousands of small towns all over the land, Sunday is the signal for a great outburst of choir singing. Not from professionals who, as in big-city churches, render melodious praise and are paid for it, but from homespun gentry of more goodwill than talent who get no return beyond the sheer joy of opening their mouths and making reverent noises.

The open mouths on this page belong to the choir of the First Presbyterian Church in Ripley, Ohio. A tight little community of some 1,600 on the banks of the Ohio River, Ripley lives most gloriously in its past, which includes the fictitious fact that there, in *Uncle Tom's Cabin*, Eliza crossed the ice. In a decline since the river's industrial importance has dwindled, the town's social life centers around its churches and singing in the choir is considered a distinction. With voice uncramped by acquired techniques, eager volunteers weekly fill the air with enthusiastic hallelujahs, play an active part in church ceremonies (see below).

The members of the Presbyterian choir form a cross-section of Ripley. They include the mail carrier, the hairdresser, the banker and the high-school girl. They are directed by Miss Florence Baird, to whom falls the delicate task of discouraging aspirants who "couldn't carry a tune home in a basket" and placing next to lusty singers those whose voices are best drowned out. For lack of funds they have no robes, but they can borrow them for special occasions from a neighboring church. They don't all turn up always, but when some are missing the others just sing louder. They can't read music, they have never studied singing and they are flexible about their voice pitches. Many of them do double duty as Sunday School teachers, and all enjoy themselves thoroughly.



Five earnest members of Ripley's Presbyterian choir sing soft "Amen" as Housewife Mrs. Marjorie Finney plays the

organ. At lower right is Mrs. T. G. Holmes, pastor's wife. At left is Miss Baird, former career singer who directs choir.



In borrowed robes for the event, choir turns out for a formal wedding. Though marriage service makes no provision for hymns, Ripley brides sometimes ask their choir friends to sing.



Quartet from choir, including child's great-uncle (second from right), prepares to sing at baptism of little Terry Blatter. Holding the fount is another great-uncle who is a church elder.



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You get 17% extra smoking in the new Blackstone Londres-Extra. Compared to regular Londres, that's like getting a 10c cigar free with every six you buy. Filled with nothing but finest long-leaf, all-Havana tobacco, yet still only 10c.

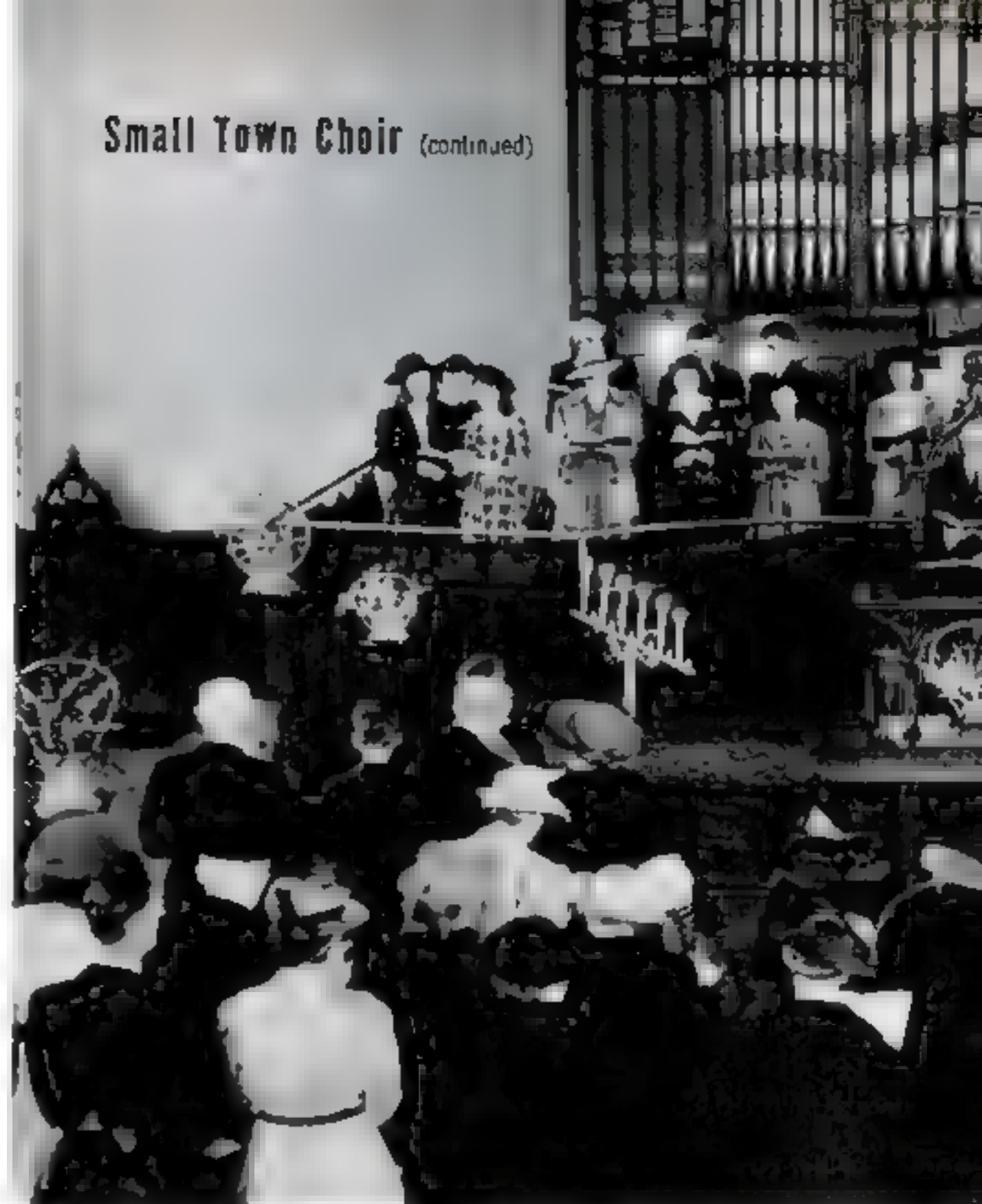
Size and shape for every taste! Blackstone Perfecto, 2 for 25c, Londres-Extra, 10c, Cabinet, 10c; Panetela, 2 for 15c, Junior, 5c. All filled 100% with finest Havana tobacco.

WATTS & BOND, INC., NEWARK, N. J.



**BLACKSTONE CIGARS**  
THE CHOICE OF SUCCESSFUL MEN

#### Small Town Choir (continued)



Choir and congregation sing together during Sunday morning service. In the front row are high-school girls, farmer's wife, stenographer, housewives, bookkeepers, bank



Mrs. Glen Martin lives on farm five miles outside town, works hard all week. But she is one of choir's most faithful members, even comes to Wednesday evening rehearsals.

Eugene Drake is town's only mail carrier, a position of some prestige in Ripley where it is called "a Government job." An energetic singer, he is also the choir's treasurer.





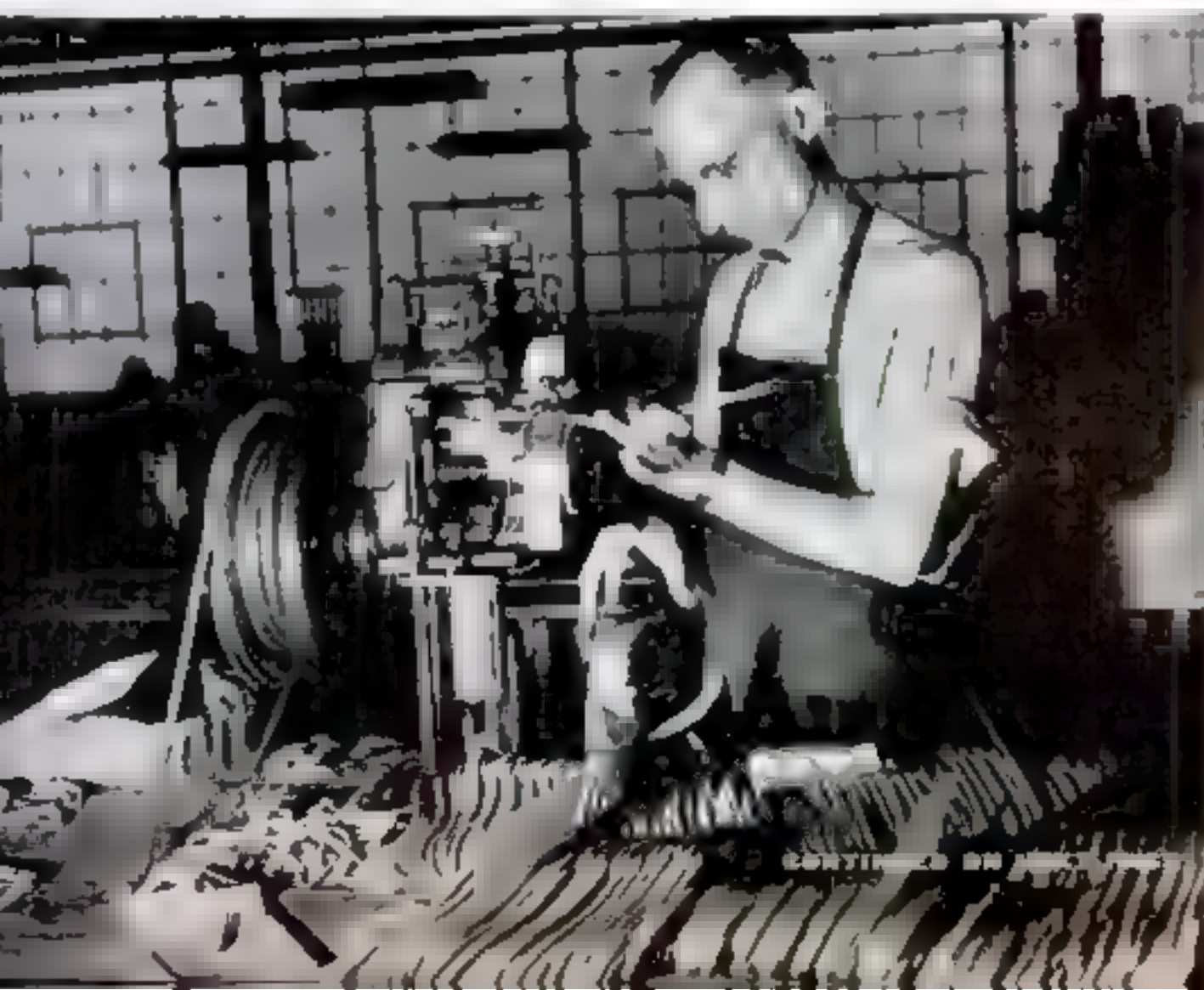


usher, pastor's wife. Back row includes mailman, hairdresser, shoe factory worker. Church candelabra are homemade, decorations arranged by one-woman committee.



Mrs. Ruby Cropper owns her beauty salon on Main Street, sets the town's hair styles. From nearby Georgetown, she joined choir to make friends when she moved to Ripley.

Carl Wedemeier works at channeling machine in the local shoe factory. Sewing in church is his main social activity but he is not yet sure whether he is bass or baritone.



## "Sorry Boys, It's Not for Sale"

You can't blame the lucky fellow who's got a Schick Injector Razor for not selling it . . . *at any price!* He knows he'd probably be stuck without one for the rest of the war.

Though there are sufficient Schick Blades, there just aren't enough Schick Injector Razors to fill an ever increasing civilian demand. That's because war metal limitations permit us to make only enough razors for military demands.

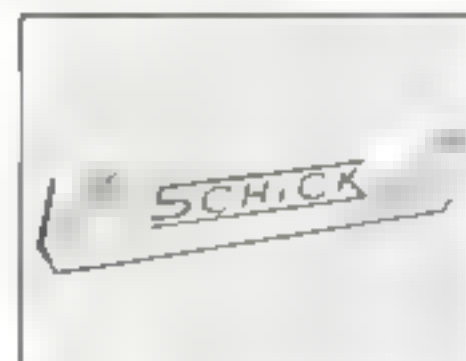
If you—like the fortunate fellow on the left—already have a Schick Injector *be sure to take good care of it*—it is more valuable today than ever before.

No other razor will shave you so comfortably. No other razor has the automatic blade change. As a matter of fact, the only basic improvements in safety razor design in more than forty years are contained in the Schick Injector Razor.

### SHAVING IMPROVEMENTS EVERY MAN CAN HAVE AFTER THE WAR IS WON



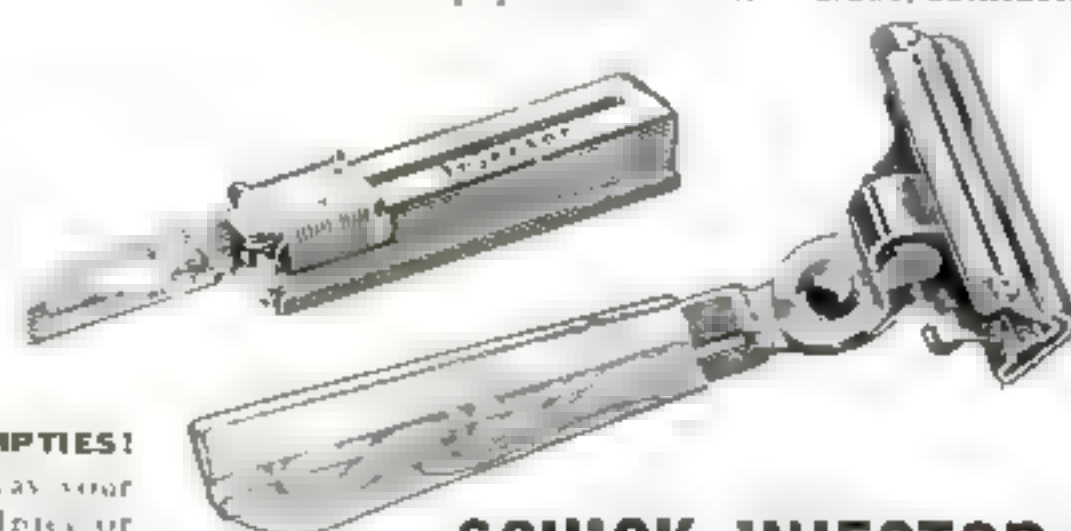
**LIKE AN AUTOMATIC PISTOL** this razor gets into action fast. Just a pull and a push on the trigger of the Injector cartridge and out shoots the old blade and in slides a new one instantly!



**TOUGH AS A COMMANDO**, the Schick Blade has plenty of strength and backbone for steady vibration-free shaving. Twice as thick as an ordinary blade—3 or 4 times thicker than the paper-thin kind.



**LIKE A TANK** the amazing solid guide bar flattens the skin ahead of the blade, eliminating nicks and scratches. As the skin is stretched flat the whiskers pop up straight for a close, comfortable shave.



**SAVE THE EMPTIES!** Don't throw away your empty Schick Injector or Blade Cartridges. Give them to the Boy Scouts who are collecting them.

**SCHICK INJECTOR RAZOR**  
MAGAZINE REPEATING RAZOR COMPANY  
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# How to see twice as much of your America

## ON A TRAIN TRIP TO CALIFORNIA

If you are going West this year on a business or vacation trip, it's a good idea to see as much of America as you can. Get better acquainted with your fellow Americans in other parts of the land. See with your own eyes what we are all fighting to defend!

Southern Pacific, the West's biggest and most strategic railroad, offers you a simple way to see twice as much of America on your train trip to California. We offer you this plan subject to the needs of war traffic, which naturally has priority over everything else on our lines.

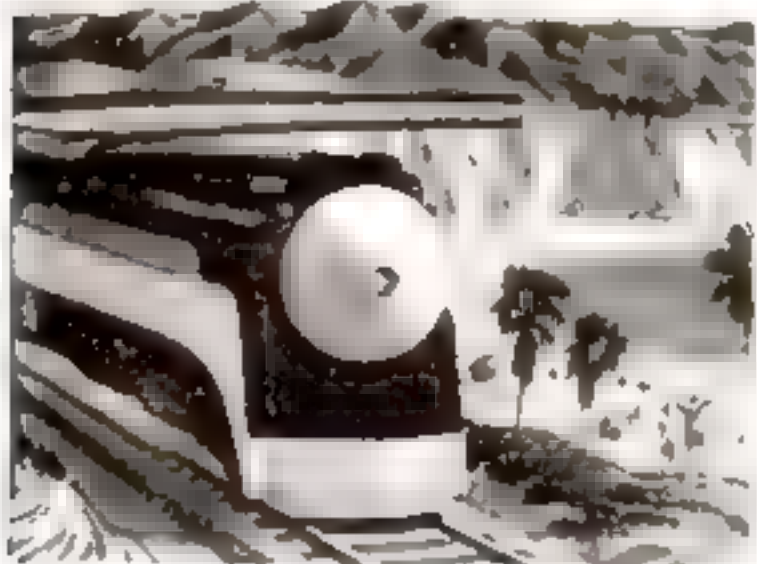
Go West on one of Southern Pacific's Four Scenic Routes and return on another S.P. route. Thus you will see an entirely different part of your United States each way. You'll see twice as much as you would by going and returning on the same route—for not 1¢ extra rail fare (from most eastern and mid-western places). For example:



**1. Start your trip** on Southern Pacific's luxurious *Golden State Limited* or the economical *Californian*, tracing our Golden State Route from Chicago and Kansas City to Los Angeles, through El Paso, the Mexican Border country along the Rio Grande, and Tucson and Phoenix.



**2. See Carlsbad Caverns National Park**, a thrilling one-day side trip from El Paso by streamlined air-conditioned motor coach. Enjoy El Paso itself, and Juarez in Old Mexico, just across the Rio Grande. Then continue your trip to Los Angeles.



**3. Most beautiful train** in the world speeds you from Los Angeles to San Francisco. Southern Pacific's famous streamlined *Daylight* shows you lovely Santa Barbara, a hundred miles of Pacific Ocean beach, the rugged Santa Lucia Mountains, Mission San Miguel, Salinas—all by daylight.



**4. From San Francisco**, you can return home through the evergreen Pacific Northwest on Southern Pacific's Shasta Route and a northern U.S. or Canadian transcontinental line (small extra fare if you return through Canada).

Enjoy side trips, if you wish, through the Redwood Empire, to mammoth Shasta Dam in the Shasta-Cascade Wonderland, Crater Lake National Park, Columbia River Highway and Timberline Lodge, Mt. Rainier National Park.

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If child, please give age \_\_\_\_\_

## Small Town Choir (continued)



Willa Schellenger is a 15-year-old high-school girl, one of five who sing in the choir. She describes her voice as "alto, sometimes soprano," hopes to study music some day.



Willa fits music into her daily life, too, by leading school band in costume she made herself. Best drum majorette in town, she will compete in Ohio State finals this month.





## *Wine and a favorite old yarn—recipe for friendship*

Wine helps an evening along—helps people to relax a moderate way, and enjoy themselves

Next time friends stop in at your house, set out for each a glass of wine. Maybe a tray of simple appetizers. You'll find it will lead to a discovery.

As people sip wine together, it becomes plain how wine says "welcome." Not just with its warm, flashing color and interesting bouquet. Wine says welcome a deeper way.

You discover wine is made on purpose for

the kind of relaxation most of us want—the moderate kind. Made to help us let up from the day's pressure. Made to give us a chance at the comfort and help that friendship brings. This is the reason more and more Americans now prefer wine.

If you would like a new booklet on wine serving (and on wine cookery) write the Wine Advisory Board, 85 Second Street, San Francisco. The board represents all the wine growers in California.

What about California wines? Judges rate them excellent by any standard in the world. Sound, well-developed and true to type. Ask your wine dealer to help you select from these good wines of our own land.



This is Muscatel—which tastes invitingly of Muscat grapes. You serve Muscatel as a dessert or refreshment wine. For enjoyment at mealtime you select a different type of wine—a white table variety like Sauterne (with fish or chicken), or rich red Burgundy or Claret (with roast or steak)



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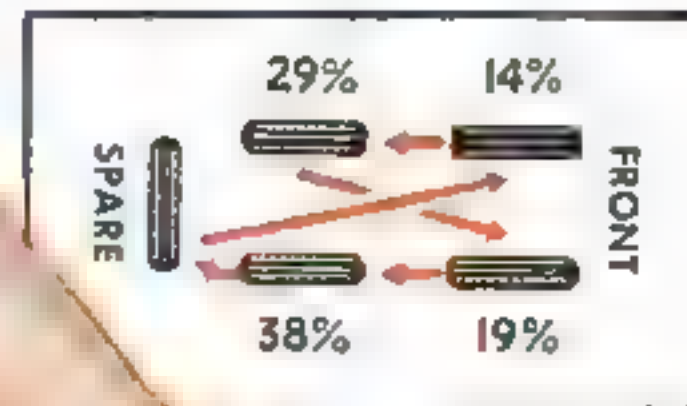
COME IN EVERY WEEK FOR FREE AIR



## 1 LET US INFLATE YOUR TIRES TO CORRECT PRESSURE

Incorrect inflation can reduce tire life as much as 25%! Too little pressure—or too much pressure—both can cause excessive wear. That makes regular, expert tire service important!

Come in every week, regularly, whether you need gasoline or not, and let us bring all your tires up to correct pressure. You'll find the few minutes it takes for a careful check-up all around will be time well invested.



## 2 LET US SWITCH YOUR TIRES—HELP YOU SAVE RUBBER!

Three good tires won't help you—you need at least four! So come in and let us switch your tires regularly... it should be done every 5,000 miles!

The figures in the sketch show the relative wear for each wheel. The back tires, for example, wear much faster than the front tires. Regular switching—carefully done—evens the wear on all tires... helps make the set last longer!

## 3 LET US INSPECT YOUR TIRES REGULARLY FOR SAFER, LONGER MILEAGE

Little bruises and cuts grow if left unattended. Let us inspect your tires regularly and stop damage before you have a tire that can't be fixed!

Incorrect wheel alignment and balance can also cause rapid wear. Let us check this, too—help make your tires last longer.



## How your Mobilgas Dealer helps keep your car on the road... helps make it last!

1. Free Air? Sure—we'll be glad to check your tires once a week!
2. Let us switch tires each 5,000 miles, inspect for cuts and bruises—check wheel alignment, too!
3. Your battery needs our check-up every 2 weeks.
4. Let us change your oil every 1,000 miles—we'll put in clean, tough Mobiloil!

5. Let us Mobilubricate your car every 1,000 miles—protect every chassis part from costly wear!
6. We'll protect your car's finish, too! Let us wax it every 3 months!
7. Let us flush cooling system twice a year—condition the fresh water to guard against damaging, clogging rust!
8. Let us make sure that gears are protected... we'll check every 1,000 miles.
9. Let us clean your spark plugs every 5,000 miles—help you save gasoline.
10. Let us check your air filter every 2,000 miles—change your oil filter every 8,000 miles.

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GIVE YOUR CAR A "FRESH START"...

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# HAWAII AT WAR



THE ALOHA TOWER, ONCE A BEACON FOR TOURISTS, RISES DARKLY AGAINST THE BLACKED-OUT SKYLINE OF HONOLULU

## AMERICA'S PACIFIC PARADISE IS NOW AN ARMED CAMP

**T**his new war of slashing surprise, of sudden air raids and blockade from the sea, has been hard on islands. These outposts which nations have built up as bases for defense and attack are under constant threat of air or sea-borne invasion. Some have been attacked and have fallen, others have been attacked and stand. Along with Malta and England stand the Hawaiian Islands—an American possession which is the keystone of our strategy in the Pacific. Though they were surprised once, they will not be again.

Before Dec. 7 the islands were heavily fortified. In the five months since the Japanese attack, men, ships,

planes and guns have been pouring in from the U. S.—how many have come and where they are placed is a military and naval secret. This added fortification is probably especially true of Oahu, third largest of the islands and the group's military and commercial center. On it are army posts, forts, flying fields and the naval bases of Kaneohe and Pearl Harbor. Its largest city is Honolulu, whose modern streets a few months ago were filled with let-decked tourists. Now it is a grim city under martial law, blacked out nightly, sandbags against the buildings and barbed wire strung along its beaches and streets.

But the greatest change to come to Hawaii since the war has not been a physical one. It is a change of mood and thought. Hawaiians were naturally more affected by the Japanese raid on Pearl Harbor than were most Americans. They have risen to the crisis eagerly. They gladly carry gas masks, dig air-raid shelters in their backyards and do without things they once thought necessities. They realize that their islands are, geographically, perilously like the fallen Netherlands Indies but they also know that Hawaii is the base for American battleships and planes which will one day smash the Japanese in the Pacific.





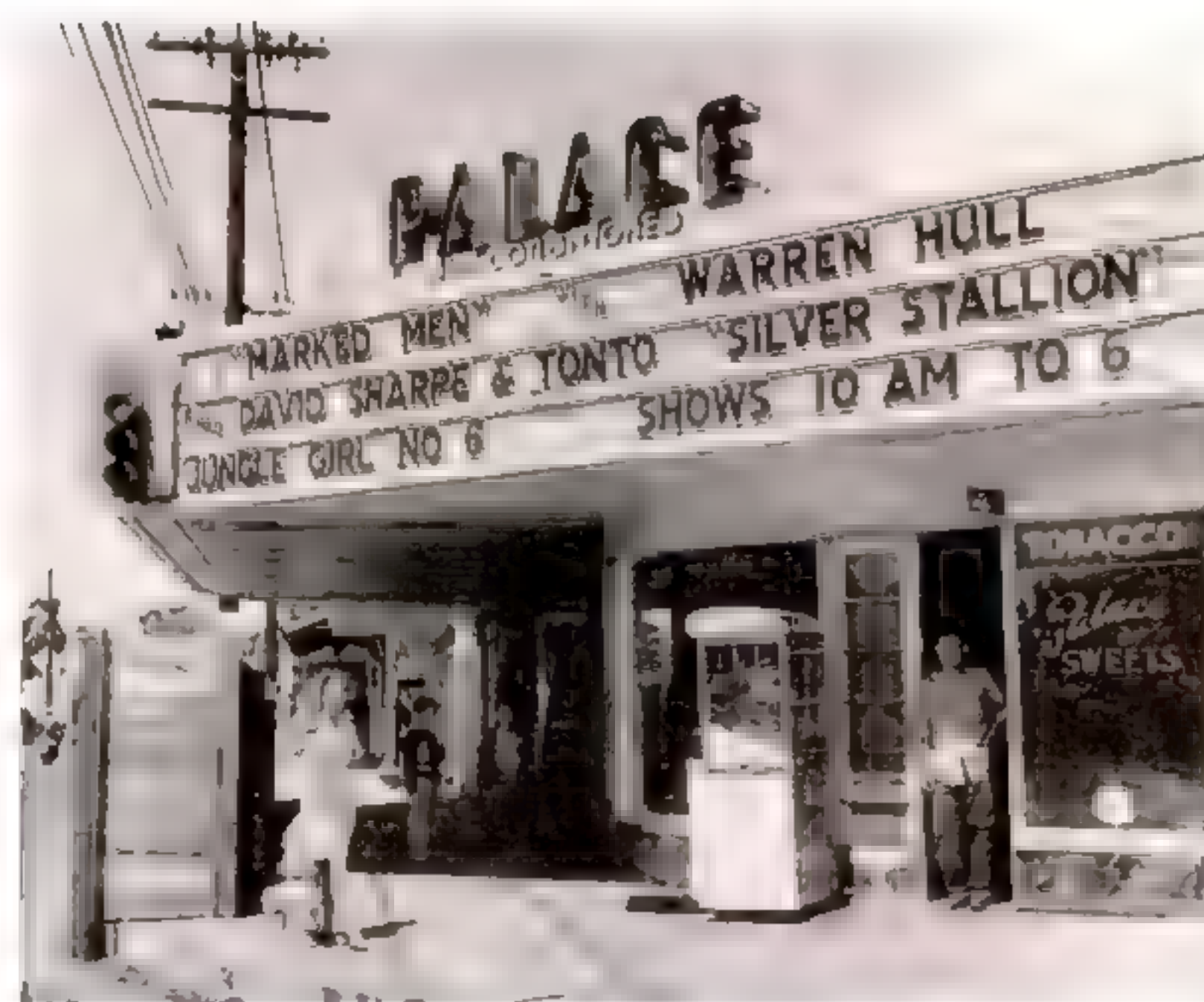
**BARBED WIRE ON BEACHES** is a problem to bathers as well as to invaders. Oahu's shores are all beach like this one, except for parts of north and east coasts where cliffs fall straight to sea.



**SANDBAGS PROTECT IMPORTANT BUILDINGS** such as Honolulu City Hall. At the big plate-glass windows of department stores and banks are the faces of town.

## IN SPITE OF WAR, LIFE GOES ON IN HONOLULU

**H**onolulu is in America, with a tropical sunset at the Mauna Kea. Its movie houses, department stores, hotels and night clubs are in a lush tropical setting, fronted by gleaming white beaches. It is the most American city on a windy island that has never known war. As soon as the first Japanese fell, Honolulu went to work. Its people gave blood, rolled bandages, dug trenches, and sheltered, and some were even killed. There is a sense of martial law, but the confusion of



**MOVIE HOUSE IS PROTECTED** by a wall to stop any flying bomb fragments. Movies in Hawaii close in late afternoon or early evening so people can get home in time for the blackout.



**A DISCARDED JALOPY** is placed in an open field to prevent Japanese planes from landing. Golf courses are strewn with old sewer pipes and fence posts for the same purpose.





in fanciful palm tree designs. The intersections of important streets have movable barricades, which are put in place at night. Soldiers above are members of Hawaiian National Guard.

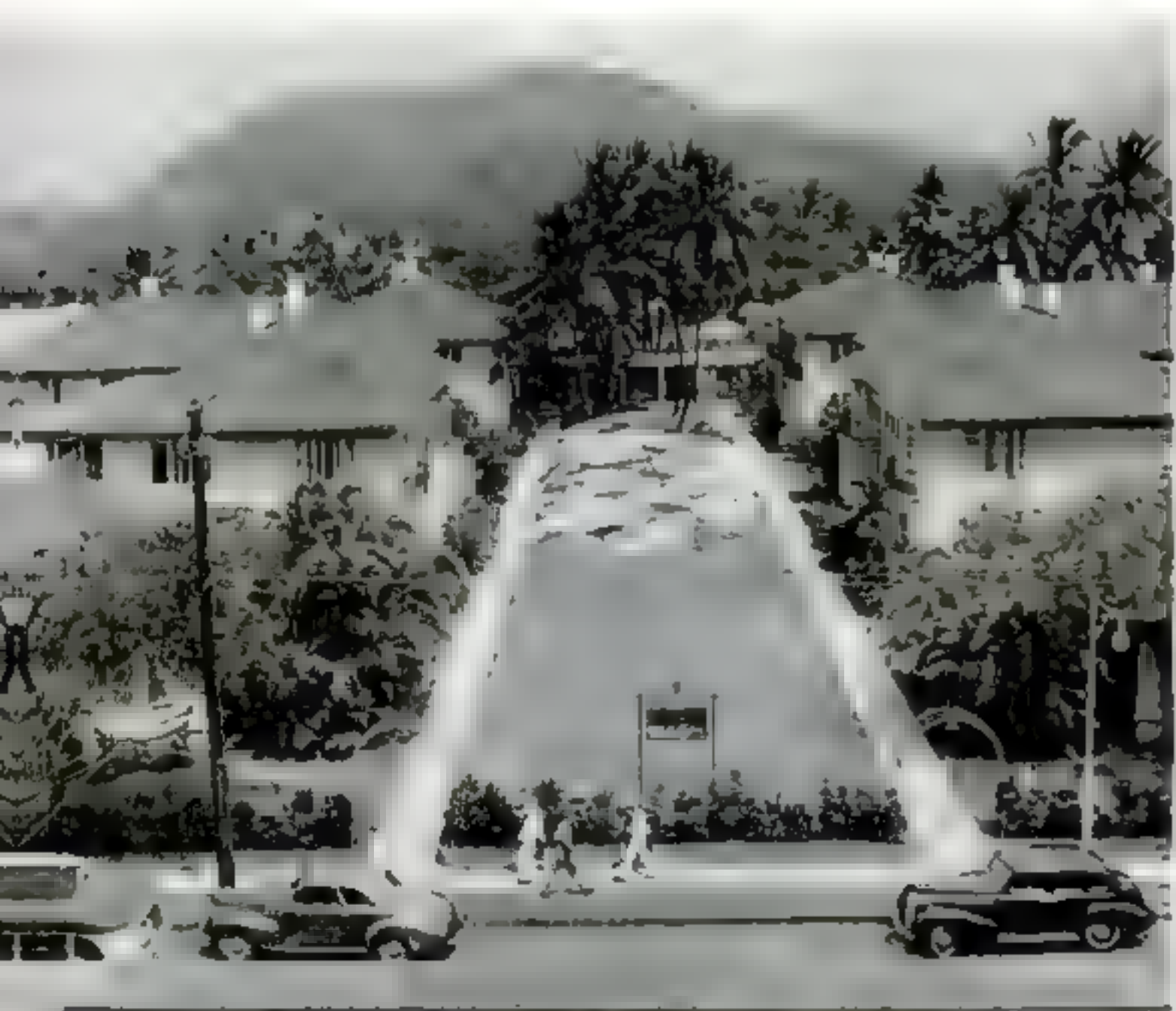
the first few war weeks, some of their energy was misdirected. But now they have settled into a normal routine of living, broken only when someone stubs a toe in the blue kaula or catches a bathing suit in the barbed wire of a beach barricade.

Although living conditions in Honolulu are once more normal, the people are prepared for anything. They are determined never again to be caught napping. They keep a wary eye on the Japanese, who make up more than a third of Hawaii's



**A BOY AND A GIRL** find an interest in each other over their ice-cream cones. They carry gas masks as do all Hawaiians. Japanese residents are about only ones who never forget their masks.

population and who still hold a number of strategically important positions. They are aware that the Japanese, who originally came to work in the sugar plantations, have steadily been moving into urban life and today represent 43% of Hawaii's manufacturers and 42% of its storekeepers. They also know that the blue kaula is vital to their safety. But despite the discomforts, living goes on. People still work and play, for both of which Hawaii is ideally suited. The island's new normalcy is the best indication of its preparedness.



**ZIGZAG SHELTER TRENCHES** have been dug in the courtyard of Seaside Cottages. They are dug at angles so that casualties would be minimized if a bomb exploded near them.



**THE HULA IS DANCED** in war or peace. The guests in this night club in the Halekulani Hotel bring along their own flashlights to illuminate the dancer. Then they use them to find their way home.





**SOLDIERS IN THE FIELD** have few comforts in Hawaii. These photographs, reminiscent of images in Vietnam, show the deep mud formed by frequent torrential

rain runs on the hills. The secret makes it hard to fight and escape. The outpost like the one below is often the only place to get a vehicle stuck.



## THE U.S. ARMY IS HAWAII'S GUARDIAN

**I**f trouble should come to Hawaii, the Army would take care of it. If, by some unguessed mischance, an invading fleet managed to slip through the floating wall of our Pacific Fleet, run the gantlet of our big land-based bombers and put troops on the islands, the Army would be there to meet them. It has posts and men all over the islands—from the big guns of Fort Barrette on Oahu, to small encampments on less-settled islands like Kauai and Molokai. Its forces are mechanized and fast-moving. They know the mountain trails and jungle paths like natives. They can meet any invaders on any terms.

The Army does more than guard Hawaii. It takes a big part in running it. Martial law was declared on Dec. 7 and is still in effect. Civilian law violators are tried, like soldiers, in a military court. Most of them pay their fines in blood to Red Cross, like the speeding motorist below.



**A SPEEDER IS CAUGHT** by Hawaiian motorcycle policeman and tried before a military court. The defendant donated a pint of blood to the Red Cross in preference to having her driver's license suspended.



# HEADQUARTERS HAWAIIAN DEPARTMENT



**THESE MEN GUARD HAWAII.** They are the staff of Lieut. General Delos C. Emmerson and have complete charge of all military and civil matters. Of them rests the respon-

sibility of seeing that no enemy imperils U. S. control of Hawaii. This picture shows in front row (l. to r.) Brig. General J. Easton Collins, Chief of Staff, General Emmerson, Colonel Robert

M. Bathurst, Deputy Chief of Staff, and Colonel Walter Phillips, another Deputy Chief of Staff. General Emmerson was head of the Air Force Combat Command before coming to Hawaii.



HAWAII AT WAR (continued)

EXUBERANT SAILORS DANCE  
AT ROYAL HAWAIIAN HOTEL





# ROYAL HAWAIIAN HOTEL IS NOW SAILORS' REST

The Royal Hawaiian Hotel was the high spot of Hawaii for tourists. Within its pink-coral walls lolled the playboys of the world. Kings and princes ate rare and delicate food on its windswept lanais. Millionaire bridal couples paid \$100 a day to sun on Waikiki Beach and dance under the stars at night. Its furnishings had been brought from all over the world, its staff was famed for its courtesy, its bar for its spirits. The Royal Hawaiian was the outstanding symbol of pre-war Hawaii.

Like most other pre-war symbols, the Royal Hawaiian has changed. Even in its best days, it never made money. With the war all its tourist trade stopped. Now it has been taken over by the Navy, for a rental of \$17,500 a month, as a rest and recreation center for officers and enlisted men of the Pacific Fleet. Officers pay \$1 a day for room, food, laundry and recreational privileges. Enlisted men pay 25¢ a week for the same things. This entitles them to swim at Waikiki, dance in the ballrooms, play tennis, volley ball, croquet, or just loaf in the sun after a strenuous cruise in the dangerous waters of the Pacific.

The most popular spots in the new Royal Hawaiian Hotel are the beer bar, the ice-cream bar and the dance terrace. Every afternoon the dance floor, open to the sky and framed by palm trees and the sea, is filled with enthusiastic sailors and their partners (*opposite page*). Other sailors stand on the sidelines, waiting for the whistle that will start them rushing onto the floor to cut in. No girl is a wallflower at the Navy's Royal Hawaiian.



**A NAVY ORDERLY** makes up bed in room in the Royal Hawaiian Hotel. Officer in front of the mirror pays \$1 for this room which once cost \$18 a day. Sailors can rent it for 25¢ a week.



**HOTEL BARBERSHOP** now has Navy barbers giving short haircuts to sailors. Since the Navy has taken over the Royal Hawaiian barbershop does not feature a manicurist's service.



**NAVY BAND**, probably from a battleship, plays for one of the sailors' afternoon dances. Because the main dancing terrace is open to the sky, enforced blackout prevents evening dances.



**ICE-CREAM BAR** stands in place of Royal Hawaiian's famous Coconut Grove Cocktail Bar. Navy has left South Sea murals on wall.



**SAILOR USES HOUSE PHONE** to call a friend in room. Sign shows rigid black-out rules.



**GAME ROOM** is as popular with the sailors as it was with hotel guests. The main difference now is that prizes are paid off in cigarets.





**CAPTURED JAPANESE SUBMARINE**, a memento of the Dec. 7 raid, now is on exhibit at the Submarine Base ballground. It is a favorite spot for sailors on leave.



**SUPPLY SHIPS UNLOAD** at Pearl Harbor dock. Hawaii grows and produces very little for itself, is dependent on imports from the U. S. Some attempt is made to grow sufficient food in case of a blockade.

## PEARL HARBOR IS BUSIER THAN EVER

Pearl Harbor and Hawaii are now synonymous to most Americans. Since the war started the tremendous naval base has been repaired and strengthened. To it have come new ships and planes—from it have left powerful American task forces to strike at Japanese islands and communication lines. But more than military and naval men have come to Pearl Harbor. Ship after ship has brought welders, shipfitters and repairmen, to clean up the damage of Dec. 7 and patch any ship that might suffer a hit in the line of duty. These have had to be housed, preferably near their work, so that the base area resounds with the noise of carpenters who are pushing their construction along as fast as they possibly can.

Hawaii has always had a bad name with Navy men as a place to find a convenient and reasonable home. The war has made things even worse. Motorists are limited to a 10-gal-

per-month share of the precious gasoline that is brought from California. There are no such things as tires. Consequently many Pearl Harbor civilian workers have been put up at the naval base and most of the others come to work on the small Oahu railroad, which connects the harbor with the city of Honolulu, about 5 miles to the east.

It is at Pearl Harbor that war has made the greatest change. One good thing that the Japanese attack of Dec. 7 did was to test the defenses of America's biggest Pacific base. All the loopholes have been plugged, the area is studded with anti-aircraft guns, the channel pocked with pill-box emplacements, metal triangles hang from the coconut palms, to be struck in case of a gas raid. And in the circular harbor the gray men-o'-war that take on food and ammunition, then, in the early morning mist, slip away to the west.

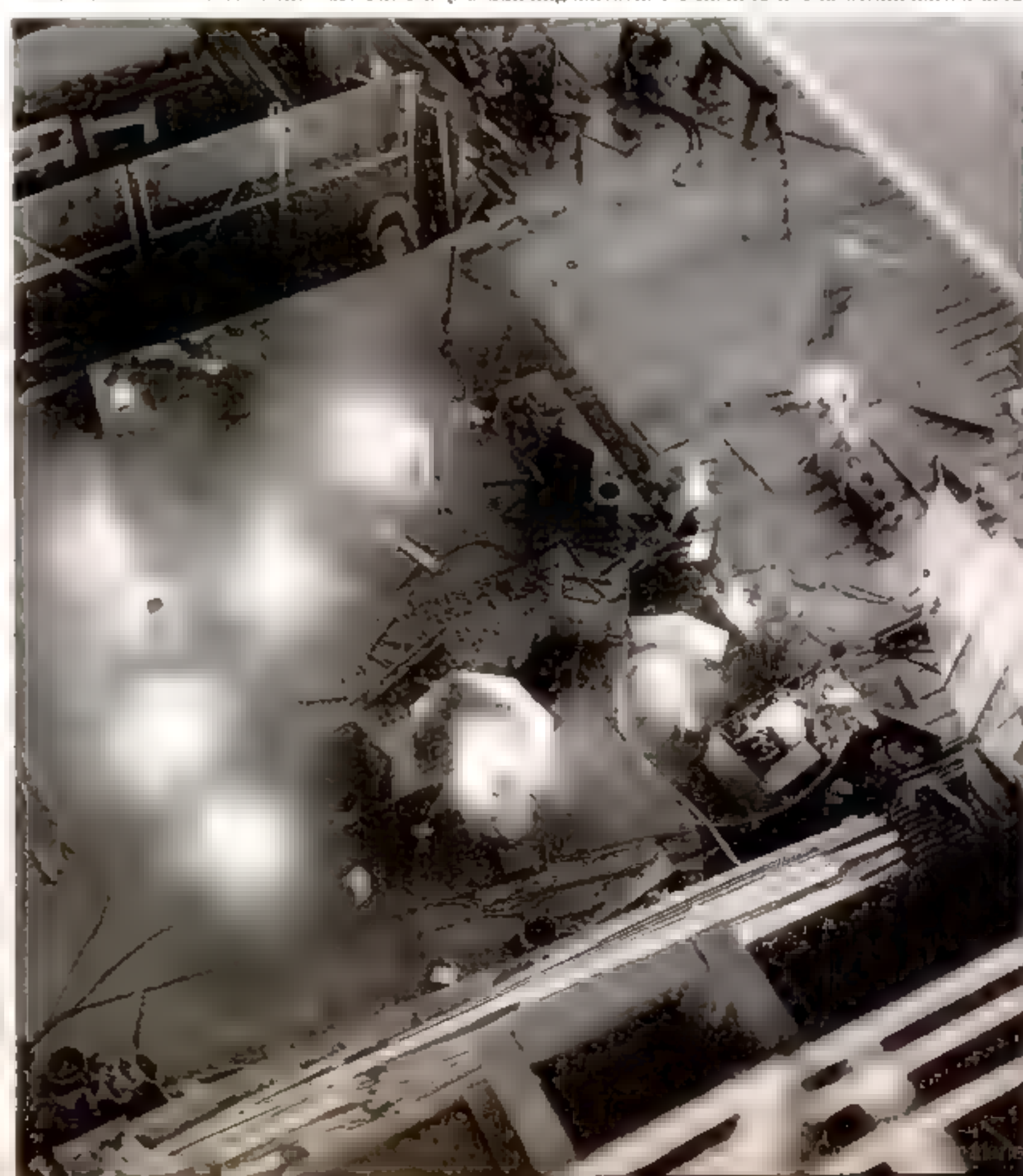


**PLAQUE** has been placed on first American gun (opposite page) to fire shot in Second World War.

**SALVAGE WORK STILL CONTINUES** in Pearl Harbor naval base harbor. This is the minelayer *Oglala*, sunk at her pier on first day of war, which the Navy is raising.



**WELDERS WORK** on ship damaged in the attack. Many of these men have come to work at Pearl Harbor since the start of the war. The Navy is building barracks for them to live in within harbor area.

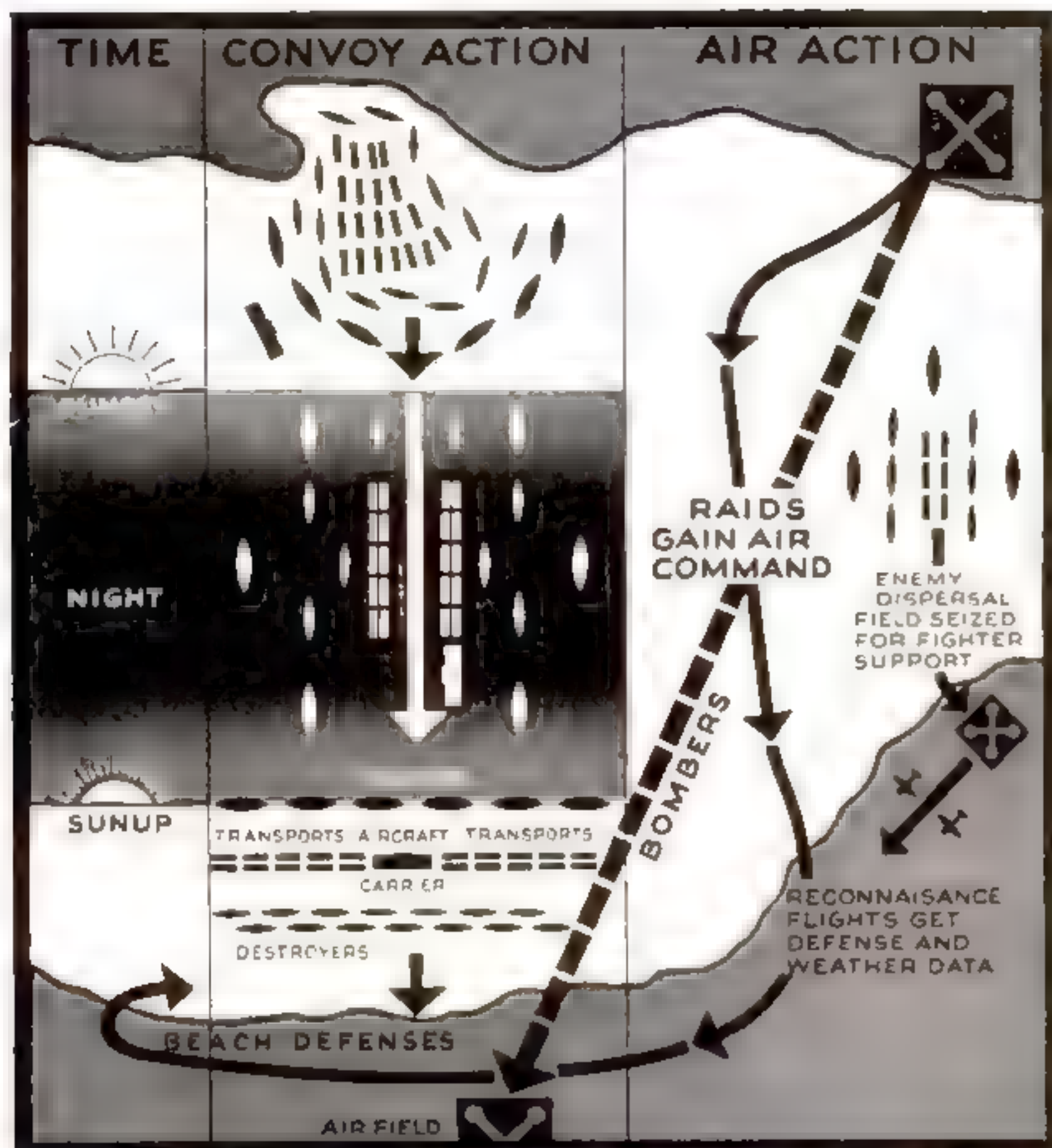




**GUN CREW ON U.S.S. "WARD"**  
**STAND BY 5-INCHER THAT**  
**FIRED WAR'S FIRST SHOT**







**Japanese invasion technique** is shown above. The actual landing operation is a complex one, involving many different types of ships and aircraft. The diagram shows the sequence of events from the time the ships are sighted to the time the beach is secured.

# HOW JAPAN

American war correspondent condenses first impressions of the enemy's tactics, tricks, weapons, and describes Jap fighter in action  
by CECIL BROWN

THE Japanese, according to a factory written by an officer of the Japanese Naval Intelligence Service in 1940, there is no secret matter. The Japanese are not a people who are afraid of anything else, but they are very much afraid of the Japanese.

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**The actual landing** is here shown in all its rapid, coordinated activity. Naturally the drawing formalizes and concentrates an operation that would actually cover approximately 50 square miles. Along this front of about 5 miles, streams of Japanese barges run in to the center and flank of the

defenders' positions. Some are sunk by the defenders' heavy machine-gun and light artillery fire, and the Japs, equipped with life-jackets, swim in. New dive bombers sent up by the aircraft carrier bomb the defenders' artillery. The Japs cross the barbed wire by throwing mats across it and



# WAGES WAR

Cecil Brown, who returned to the U. S. from Singapore via Australia a month ago, has probably seen more of the war than any other correspondent. Brown's previous LIFE articles were eyewitness accounts of the warfare in Libya and Malaya. Here with he provides the first authoritative description of Jap battle techniques, compiled from numerous conversations with Jap prisoners and members of the United Nations armed forces in different parts of the Pacific war area. He got a front-row look at the Japanese invasion of Malaya, was censored in Singapore for pessimism, saw more Japs in Java and retreated with the United Nations to Australia.

Peninsula, the Japanese have used two types of task forces, one large, one small. The large group is composed of one division of 15,000 troops and one battalion of paratroops, about 1,600 men. The troops are carried on from twelve to 20 transports and with these transports there are one or two aircraft carriers, six cruisers, ten to 14 destroyers and two to four submarines. In the small group 5,000 men are loaded on eight to ten transports. These transports are accompanied by one aircraft carrier, three or four cruisers, six to eight destroyers and one or two submarines.

A shore base is a part of the Jap task-force plan. The shore base is used for aircraft concentrations which work in cooperation with planes moved by carrier. Shore-base air concentrations consist of 75 to 100 aircraft and a single attack may be delivered by two flying boats, two or three fighters and three or four heavy bombers. In addition, the task force includes a minimum of 40 carrier-borne aircraft. If two carriers are used, this force is doubled.

Here are the actual tactics of a Jap task force as they were carried out:

The task force is concentrated at a distance, if possible, no more than 400 miles from the objective. The outside figure of 400 miles is set by the Japanese as best suited to their usual type of dawn attack,



trample over their own dead to storm the machine-gun positions. From the flanks others set up trench mortars to lob shells into the defenders' positions. The Japs have already won control of the air. The whole operation ought to be over by noon of the same day.

CONTINUED ON NEXT PAGE

## SIGNS OF RITZ PROVE SPRING IS HERE

When the Ritz package becomes a part of the outdoor scene—then, our Ritz Cameraman says—Spring is really here! For when folks take their fun in the open—you'll notice they carry along the delicious golden cracker that adds so much flavor and sparkle to every occasion.



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**In the Country**—Ritz goes fishing. Not biting today? Shucks—it's fun enough just to sit and munch on Ritz!



**In the City** Ritz — helps out with front stoop courting. (A very efficient Cupid it is, too, in any season of the year!)



**Picnic Tables** over the country-side blossom with Ritz. For what else brings such zest to cheese and spreads! Or makes a banquet of cold cuts and cheese!

 **RITZ**

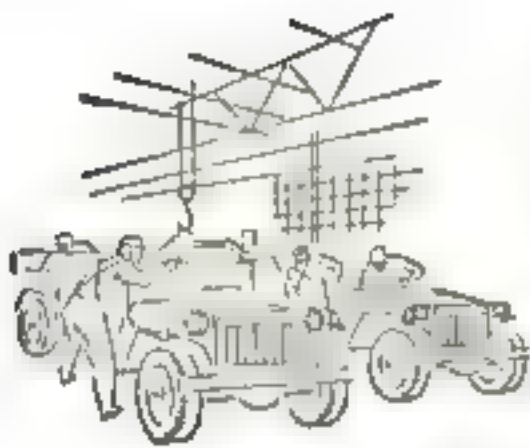
BAKED BY NABISCO  
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Here's a bit of advice from the Ritz Cameraman: Get out with a package of Ritz and see how much brighter everything looks. Sit and munch while you stare at the clouds. Golly! it's a lovely world!



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Japs' shallow-water barge, driven by plane propeller to avoid fouling in weeds or sandbars, is fast and low-lying. It is armored and carries a machine gun in the bow turret.

### HOW JAPAN WAGES WAR (continued)

since they can move out of their protected bases by daylight and in protected waters most of the first 24 hours, enter dangerous waters toward sunset of the final day and reach the actual objective at dawn.

Before the attacking force moves out, a submarine or two noses forward on a reconnaissance mission. Reconnaissance aircraft, following the submarine patrol, are then sent over the immediate objective to photograph and spot concentrations and determine the extent of anti-aircraft and fighter opposition. The reconnaissance acts as a decoy to get anti-aircraft guns into action and bring out fighter strength. It also determines the speed with which the enemy is prepared to meet the coming assault.

At Singapore, when the first Jap reconnaissance flights were made, the British command deliberately held the fire of most of the anti-aircraft batteries clustered in and around the naval base to conceal the position of the ack-ack batteries and the extent of the barrage that could be put up against an actual bombing raid on a large scale.

### THE BOMBING ATTACK

With the submarine and air reconnaissance completed and the report made by radio to the waiting concentration, the actual bombing assault begins. The task assigned to the heavy land-based bombers, flying at high altitudes and often without fighter protection, is to destroy planes and airdrome installations.

The next step in the task-force attack is a second reconnaissance flight launched from the central concentration. This checks on the weather. The Japs are meticulous and precise in gathering every available bit of meteorological data. The weather reconnaissance flight drops small parachutes which give wind drift and velocity. Over the Philippines the small parachutes were sometimes dropped half an hour before a raid. At other times the leader of a bomber formation on the first trial run over the target would drop the parachute to test the wind drift. That helped the Japanese bombardiers. It was also a perfect tip-off to the waiting gunners on the ground.

The weather parachutes signal the next step. It comes soon in the form of concentrations of bombers, usually a flight of 27 in a huge V or 54 in two V formations. These bombers come from shore bases or carriers or both. The objective of this phase of the attack is solely the destruction of enemy aircraft on the ground. The success of the operation depends on the heaviness of the concentration, the attack in force and the speed of its execution.

Against Surabaya, in one of the bombings in which I was caught, the Japanese came from both shore bases and carriers. They succeeded in effecting a surprise and swooped down to within 25 ft. of Surabaya Naval Base, bombing the town and machine-gunning four Dutch and American flying boats. They got a Dornier, a Dutch PBY and two American PBY's. They also set fire to other aircraft on the ground, most of them P-40's. This type of daring, low-level attack was also



carried out against U. S. Flying Fortresses at Nichols Field, Manila, at Bali and against the Australians at Kupang in Timor.

This entire bombing phase of the attack may take a day or two days or even longer. Meanwhile, with the "softening-up" process well under way, the main naval and air concentration moves from its distant base for the actual assault. As it moves forward there is a heavy and consistent bombing on all air bases of the enemy from which the main concentration might be attacked. These raiding bombers are given heavy protection by shore- and carrier-based fighters in the final stages.

Now the actual assault of the main task force really starts. The destroyers take up a position half a mile from shore, on a front of about 5 miles. Three or 4 miles farther out are the cruisers. Between the two groups lie two lines of transports, and between the lines of transports, an aircraft carrier. The Japanese destroyers have specially designed guns which can lob their shells in arcs like land howitzers. These shells fall into shore batteries in the rear of the beachhead, which have previously been spotted by reconnaissance planes from the carrier and cruisers, or predetermined from espionage. As the naval units come in closer to shore, machine guns go into action. While the machine-gunning is going on, the landing barges are launched and the Jap troops start to move toward the shore like a swarm of water mosquitoes.

### LANDING EQUIPMENT

Japanese military landing craft consist of nine classes of barges in two groups—large and small. The large-type barge is constructed of metal plates and carries 60 to 100 men, fully accoutered. It is capable of making a speed of 6 to 8 knots. The small barges, also made of steel plates, are fitted to mount machine guns and can carry 50 to 60 armed men at a speed of 8 to 10 knots. It was established in recent operations that many of these small barges have been fitted with bullet-proof armor. Debarkation doors in the prow flap forward and down to form a sort of runway.

The Japanese have developed a military landing-craft carrier. This is a ship of some 7,500-tons displacement which carries landing barges exclusively. These are launched by means of rollers through large openings in the stern and sides of the ship, openings similar to the big baggage-compartment openings that were used in the big luxury liners. The capacity of the carrier appears to be about 24 large and 120 small-type craft as well as ten armed launches and four dispatch boats.

In the assault the barges themselves have a varied list of objectives. One portion of this barge force, together with paratroops, has the assignment of seizing an airdrome as close to the beachhead as possible for the use of Jap fighters. Immediately that objective is accomplished, word is radioed to fighter plane concentrations which are rushed to the field. Supplies piled in the barges are carried to the seized airdrome. These supplies include fuel and anti-aircraft guns as well as wireless aircraft-detection apparatus.

In the initial stages of the invasion, fighters from the carriers and seaplanes support the operation. These not only battle any enemy aircraft that may be opposing the landing but also carry out bombing and machine-gunning of those troops on shore resisting the Japanese invasion.

CONTINUED ON NEXT PAGE



Japanese land on another beach, piling out fast from their sea boats carrying about 60 men each. Jap landing troops drill endlessly for this all-important climax of invasion.



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New lotion protects hands—softens summer-dried skin

*Toushay*—the lotion everyone's talking about! The lotion that helps you *two* wonderful ways in summer:



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## HOW JAPAN WAGES WAR (continued)

As soon as an airdrome is in Japanese hands, Navy Zero fighters make it their base. Airfields are immediately repaired. Meanwhile, of course, the main invasion troops have been brought to shore and land fighting starts or, as it happened in some beachheads in Java, there is no land-force resistance. At Kota Bahru the Jap forces, by sheer weight of number, were put ashore in the face of fierce machine-gun fire by Dogras of an Indian regiment.

In the invasion landing at Kota Bahru, as one of the invasion barges shoved its blunt nose onto the sand beach, a Japanese soldier could be seen standing in the prow, holding a large rolled-up mat in his arms. He was the first to jump from the barge. Rushing across the sand beach about 15 yd., he came to the barbed-wire entanglement, the double-row cornucopia-type barrier. Then the reason for the rolled-up mat became apparent. With one motion the Japanese flipped the mat open so that it fell, unrolled, across the barbed wire. Three or four others brought similar mats. Invariably these men were shot down. But they had done their job. The Japanese invaders were able to scramble over the mat, unmindful of the barbed-wire barrier that had been counted on to hold back, or at least delay, just such invasion forces.

The frontal assault on the beachhead and the main defensive concentration is carried out with vigor and determination, regardless of cost. As one wave of Japanese is mowed down, another wave moves in. In every landing operation by these specially trained Japanese troops, there has been found no hesitancy in pressing forward over the bodies of the advance phalanxes.

Coincident with the frontal assault by the main invasion force, there are flank landings above and below the central position being attacked. The flanking forces, particularly in the jungle, break up into small units, sometimes two or three men in each. The purpose of this split-up is to give the impression of great strength and create the illusion that the defenders are completely surrounded. This was apparent in the landings at Kota Bahru, Kuantun, Selangor, Burma and Bali, and to a considerable extent in the landings in the Philippines.

## THE FOLLOW-UP

In the successful establishment of this kind of beachhead, the mopping-up operations follow and may take two or three days. But the actual landing tactic is over. When word is flashed by portable radio transmitters landed with the invasion barges that the landing has been established, the high command can give the orders for whatever operations are to follow.

Success of the Japanese landing operations is due not only to advance preparations. They haven't met really effective competition and therefore the Japanese look a lot better than they might otherwise.

One of the most effective phases of Japanese landing tactics is their extraordinary use of sampans, fishing boats and small craft of all types and sizes. In the fight in China, these small craft were often brought in rows from Japan. In Malaya, the Japs seized small craft all along the coast and used the Malayan proas and sampans and junks for their operations.

They penetrated rivers and creeks not only to seize the small boats but to use the inland waterways as part of their infiltration tactics. In northern Malaya they tied bunches of bamboo poles together and, using these as rafts, they poled down the rivers and creeks in their raiding expeditions.

Very great emphasis is placed in Japanese training on the importance of grabbing these native craft. Not only do they give the Japanese quick and ready transportation but their use fools unsuspecting defenders when the Japanese paddle and pole down the creeks and rivers, garbed like any native of the country.

In Malaya the British often hesitated to seize any native craft unless the lieutenant on the spot had a written authorization from his captain or major. Major General F. Keith Simmons, commander of the Singapore fortress and now a Japanese prisoner, told me, "One trouble with us is that we're too polite to seize the craft and the individual officer will not act because he is afraid that he'll be billed for five or ten pounds' damages."

Throughout the campaign in China the Japanese took great pains to hide the fact that they have been using poison gas as a weapon. Every officer has the strictest instructions to destroy any document referring to its use. The Japs do not use the word "gas" but call it "special smoke." Despite the strictest secrecy, documents have come into the possession of the Chinese and British Military Intelligence giving details of gas warfare, while the Chinese, of course, have felt the actual effects of Japanese poison gas. They are known to have



used a 50-kilogram gas bomb filled with a mixture of Lewisite and mustard in their bombing operations against China. They are likewise equipped with various types of offensive gas weapons such as mortars, hand grenades, gas candles, ground-contamination equipment and gas shells.

It's the feeling among military observers that the Japs are ready for widespread gas warfare just as are the Germans. And the Americans and British are ready, too.

## INVASION WEAPONS

The Japanese have developed certain miniatures of modern warfare. There was the two-man miniature submarine at Pearl Harbor. They have a tankette, too, known as the *Ishikawajima*. The first model was produced in 1932. It weighs 3 tons and carries a driver and a gunner. It is 10 ft. long and 5 ft. high. It would fit into any hall bedroom. It carries one machine gun in the miniature turret and has a speed of 30 m. p. h. on tracks similar to those used on larger tanks. Another tankette, first produced in 1938, is the same size and weight but it carries a driver and two gunners, two machine guns and has a speed of 33 m. p. h.

In 1933 the Japs first produced a six-wheel *Sumida*, an armored car of 7 tons which makes 25 m. p. h. on the road and is so constructed that it can be used as an armored car on rails with a change of wheel rims which takes ten minutes. It has four built-in jacks which make the wheel change possible in this short time. On rails this armored car can make 37 m. p. h. It carries one machine gun and seven slits are arranged in the sides for rifles or light machine guns. It uses either charcoal or gasoline as a fuel.

The standard of Japanese engineering work was high in China but in Malay it was noteworthy. Bridges destroyed by retreating British were repaired in remarkably short time, sometimes in the face of considerable gunfire. On one occasion south of Kuala Lumpur in Malaya, the British announced a withdrawal and indicated destruction of bridges and blockading of roads. The very next day the British announced that their aircraft had machine-gunned 1,000 Japanese vehicles moving along the road the British had left in ruins 24 hours before.

The Japs have also shown themselves able to put a severely bombed

CONTINUED ON NEXT PAGE



On top of the world is Japan's picture of its Army in 1937, commemorating opening of the war on China. This was the notion of Seventh Infantry Regiment's Third Company

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You take advantage of these four simple precautions:—

1. Wear your canvas shoes only for exercise. (Not for puttering in the garden!) 2. Dry carefully when wet—at room temperature—away from direct heat. 3. Do not leave out in the sun. 4. Store in cool, dry, dark place . . . As a further suggestion—save out-grown canvas shoes for use by younger members of the family. Remember, for youngsters and grown-ups alike—canvas shoes with rubber soles are the best type of footwear for general sports and body-building exercise. It's well worth while to make them last!



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By parachute, supplies of food and ammunition are dropped to small advance units of the Japanese Army that have infiltrated far behind the enemy lines. Here the Jap col

### HOW JAPAN WAGES WAR (continued)

airdrome back into operation in as little as six to 48 hours. In Malaya, natives were dragooned at gunpoint into forced labor, hauling sand and dirt to fill the holes in the bomb-pocked runways. This native labor is also commandeered to enlarge airdromes for the use of heavy Jap bombers.

### THOROUGH PREPARATION

These units charged with the consolidation of captured airdromes also bring in radio-detecting apparatus capable of spotting the approach of opposing aircraft 60 to 100 miles away. They also bring in wireless apparatus to intercept messages flashed by the British or American aircraft in the region. Prefabricated huts are brought in by the Japs and rise within a day or two. Fuel, anti-aircraft batteries, searchlights, spare parts and anything that might be destroyed before the Japs arrive are brought in by these special units.

While such organization is only natural, the speed of the Japanese in putting airdromes into working order has been one of the most remarkable features of the war in the Far East. It enabled the Japs, for instance, to occupy a Malayan airdrome one day and to send up fighters the next to attack British troops only 24 miles away.

On every front, Japanese bombing has been marked by three outstanding characteristics. These are: 1) concentration of forces for raids; 2) using aircraft to dive-bomb and machine-gun troops, thus crushing resistance on the same principle as heavy artillery fire preceding an attack; 3) bombing which strangely alternates between excellent accuracy and no accuracy at all.

There may be two explanations for this last. One is that Japan may have a bomber force made up of very well trained men interspersed with poorly or hastily trained bombardiers and pilots. Another explanation may be in the fact that not all Japanese bombers have bombsights. It was found that the flight commander—the pilot of the plane at the V of the formation—was equipped with the bombsight and the other planes in the raiding force dropped their bombs when the commander did, as is done by many air forces. The Amer-



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66 Baffle Filter retains flakes—slugs and whirl—cools smoke in Medico pipes, cigarette and cigar holders.

**\$1.00**





uma may be seen along the road at right. Like all first-rate 1942 armies, the Japs are not too tied down to their lines of communication, have plenty of big transport planes.

ican and Filipino gunners in the Philippines quickly found this out—their first target was the flight leader.

The Japanese fight their war with great simplicity in organization and administration. Simple verbal orders are issued. These are phrased to correspond to the mentality of the troops. These orders deal in the most direct terms with attacks on definite objectives.

The Japanese are taught that it is a sacred honor to die in battle for the Emperor. Every operation shows that their troops are trained in two vital factors: morale and the necessity of offensive action. Both these factors right now are at their highest efficiency because of an unbroken record of victories in the field. This conception of their invulnerability dates from the Russo-Japanese War of 1904-05.

Every Japanese in the armed forces is shot full of the urgent necessity of preliminary preparation by all arms working in cooperation toward a climax—the "final assault."

In the final assault the Japanese soldier is uncontrollable, shows no mercy and takes no prisoners. He is a fanatical, frenzied murderer, hacking and slashing with knife and bayonet. His objective is to wipe out everyone who opposes him to the last man. There is no sense of sportsmanship or of humanity. The Japanese soldier is trained to kill in the final assault. He is told that the blood purge of the enemy is the icing on the cake of Japanese victory, the diamond of honor in his crown.

One "mental vitamin" constantly injected into the Japanese soldier is contempt for the white man. The force of this attitude has been immeasurably increased by the relative ease of the Japanese victories. It is one of Japan's vital war weapons.

The Japanese troops have been trained for years in the art of carrying out enveloping and infiltration tactics. Coming down the Malay Peninsula, in Burma and in Java the Japs showed a hardihood and physical vigor that enable them to carry out the enveloping tactic in jungles and swamps and over rice fields. They carried their own emergency food rations, resorted to disguises in the form of native costumes, climbed trees like monkeys and even swung on jungle vines like Tarzans in order to get around the enemy.

In Malaya, the Jap trooper wore a sarong of the same design and texture and wrapping as those of the Malayan natives and carried his

CONTINUED ON NEXT PAGE

# AMAZING PROFESSIONAL MOTHPROOFING METHOD now available for home use



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## But people don't dine ON MAGAZINES!

When you buy something at retail you are called a "consumer," commercial term for a person who *eats or uses up* the thing he buys.

But "consumer" is a misnomer in the case of a *magazine* buyer. He uses, but does not *use up* or eat his magazine.

And it's a good thing he doesn't these days of limited paper supply. Take *LIFE* for example . . . it is printing all the copies it can . . . and they are sold out every issue.

But the quantity is not nearly enough for each of the 21,900,000 who read *LIFE* each week. Only through much generous lending can *LIFE*'s weekly story of the wartime world be absorbed by everyone who wishes to read it.

Make sure *THIS* copy goes the rounds of your *LIFE*-reading family and friends.

And never destroy any magazine. Copies returned as waste paper can live again.

# LIFE

BUY WAR BONDS AND STAMPS



Miniature tank is this two-man *Isabakawajima* job of the 1931 model. This tankette with one machine gun was seen in the occupation of Manila. The Japs also have a 1938 model.

## HOW JAPAN WAGES WAR (continued)

tommy gun under his sarong. When he seized a bicycle he took particular pains to keep the omnipresent market basket on it for the purpose of simulating a native riding into town.

One story current in Singapore—I could never get an official confirmation of it—was that the Japanese occupied a Malayan airdrome by marching to it masquerading as a Chinese funeral. A red-painted coffin was carried on a lavishly draped, ornate hearse, on which was a statue of a dog, indicating the corpse was a male. A group of mourners followed, beating instruments and carrying Chinese lanterns and signs praising the dead man. When they reached the airdrome they produced tommy guns from under their mourning robes.

The white flag has been used by the Japanese in ruthless manner. In a number of cases in the Philippines and Malaya a few Japanese advanced carrying a white flag and when near the patrols, which held their fire, the Japanese whipped out their tommy guns and fired point-blank.

## THE FIGHTING MAN

Every Jap soldier has been ordered never to surrender and is constantly warned that he will be summarily executed when caught by the enemy. The Japanese soldier is not hard to convince on this point. He understands it because that is what the Japs often do to their prisoners.

The Japanese soldier is a capable trooper. He is easy to command, very good at looking after himself, his arms, his uniform and equipment. Physically, he is hard and well trained. He has remarkably good powers of endurance. Japanese peasants make up the rugged backbone of the infantry, but soldiers from the cities also have good physiques.

To penetrate the Malayan jungles and battle the Malayan heat, Japanese units discarded their 40-lb. packs, most of their uniforms and often wore shorts, a singlet and tennis shoes. The British, on the other hand, maintained their usual battle dress and full equipment. Toward the end of the Malayan campaign some British tossed aside their heavy packs, and Australians went into the jungles bare to the waist, to root out Japanese infiltration parties. It was the Japanese, however, who showed initial adaptation to the country in which they were fighting.

Military crimes, as such, are negligible. This has no reference to the unquestionable practice of the Japanese soldier in showing brutality and license in his activities against soldiers and civilians of opposing forces.

The warrant officers and noncommissioned officers have a loyal and correct attitude toward their superiors and they treat their men well, fairly and without harshness. The weakness of the Japanese NCO and warrant officer lies in the fact that he lacks mature experience. The present average period of service of these noncommissioned classes is about four years.

The majority of the regimental officers come from the middle classes of Japan. The lieutenants, captains and majors have few, if any, outside interests. From the age of 17, most of them have lived, breathed and eaten militarism. They are tenacious and thorough on detail. Foreign military observers consider them unimaginative and rather slow mentally.

Lack of imagination and an ingrained quality of regimentation are



to be found generally among the officers who make up the Japanese general staff. They are predominantly products of rigorous and specialized training, with the most infinite capacity for detail.

A year after war started in Europe, Japan made far-reaching changes in the organization of the Army, the most revolutionary being placement of all combatant officers on a general list with abolition of titular distinctions and insignia. This meant that Japanese officers in September 1940, exclusive of police and medical officers, became part of an army officer pool. Thus an officer became simply "army captain" instead of as hitherto a captain of Infantry, Cavalry, the Air Corps, etc. This obviously gave greater scope to a fluid reorganization of Japanese officer personnel; cut through red tape involved in transfers of officers and men from one type of combat work to another; and made it difficult for intelligence officers of other nations to identify troop movements through officer classifications.

IMITATION ARMY

Military observers believe that this reorganization indicated a serious shortage of officers in some branches of the Japanese military machine, probably in the tank and air corps units. Expansion of these branches had reached a substantial extent by Dec. 7, as a result of visits by Japanese missions to other countries. These missions plucked the best developments from Germany, as well as other countries. Just before war broke out in December, a British officer said to me at Singapore, "You know, the Japanese Army has a habit of doing tomorrow what the German Army did yesterday."

The Japanese have shown and are still showing an ability not only to imitate other countries' equipment and technique but to improve on it. They've been able to organize coordination between units and consolidate their positions in order to jump to the next point to a degree not equalled by the Germans in their speedy advances through Belgium, Holland and France.

Their attack by torpedo bombers on the *Repulse* and *Prince of Wales* was carried out with a skill and organization not attempted, probably not even conceived, by either the Germans or British, from whom they adopted their notions of torpedo-carrying aircraft.

Lest the Japanese soldier be considered a paragon because of his discipline, there are additional facts which have been established not only since the start of the war in the Pacific but during the war with China. While Japanese discipline is good on duty, the behavior of the Japanese soldier off duty and behind the lines fully justifies the application to them of the traditional epithets: brutal and licentious.

Officers make no attempt to check brutality by their men, and countenance raping of women. This the Japanese consider one of the "rights" of victory. It is also an expression of their rage at being denied other fruits of victory. For instance, when the Japanese landed at Terakan off Borneo, they found all the oil installations destroyed by the heroic Dutch. In their fury at being denied the rich prize, they shot many hostages and raped a number of Dutch nurses who were there.

Although personal hygiene and cleanliness in barracks and in the field are good, the Jap soldier has been observed drinking contami-

CONTINUED ON NEXT PAGE



Sumida armored car uses tired wheels on road, flanged wheels on railways. It is generally used to haul freight cars loaded with engineers' equipment up to the front lines.



# Van Raalte

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CLOSE SHAVES are apt to leave the skin feeling sore and taut. That's why soothing Lanolin is now added to Williams Shaving Cream.

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## HOW JAPAN WAGES WAR (continued)

nated water despite strict injunctions to the contrary. Despite similar strict orders, the Jap soldier animalistically eases himself without benefit of latrine wherever he may be.

The Japanese soldier's attitude toward women and drink is one of unbridled excess. Naturally, the incidence of venereal disease remains as high within the military organization as in Japan itself.

The Japs have proved excellent in attack but it is the generally held belief of military men that Japan will prove weak in defense and withdrawals. The Japanese soldier has courage but, when trapped and being beaten, he often shows abject fear also. In some engagements—and this was demonstrated in the Philippines—the Japanese sob and moan when subjected to terrific hammering by an opponent that won't be denied. If Japanese withdrawals start and are to be carried out under heavy pressure, the kind the Russians have been pouring on in the past months against the Nazis, there is a good chance that their retreats will be routs. The best guess why the Japanese have not been trained in withdrawal tactics is their supreme faith in their offensive invincibility.

In China it has been proven that the Japanese do not know how to conduct an orderly retreat and, as one highly placed British tactical expert (who should know about retreats) phrased it to me: "They lack initiative when surprised or taken unexpectedly at a tactical disadvantage."

It has also been proven, as in Bataan, that the Japs cannot take a sudden reverse. In one heavy direct assault by American troops against a Japanese force in a strong point, the Japs threw down their weapons, dashed 100 yd. to a cliff at their rear and threw themselves over, to fall 150 ft. to their death.



First-class Jap soldier is this sturdy peasant convinced of his superiority to white men. He belongs to one of Japan's three crack Guards regiments. Japan has 100 divisions.

## A Richer... Smoother Smoke



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# How a little 5-Pound Invention will help Save Your 900-Pound Motor from the Junk Heap

**A Fram Oil & Motor Cleaner prevents  
needless motor wear—saves costly motor  
parts from premature failure  
by keeping motor oil always clean**

**T**HE motor in the average passenger car weighs about 900 pounds. A Fram Oil & Motor Cleaner for cars in that class weighs less than 5 pounds. Yet, by keeping the motor oil clean *all the time* (instead of just when the oil is new) a Fram saves many a motor from going to the junk heap long before its time.

Yes, a Fram will *s-t-r-e-t-c-h* the life of your motor—with no attention other than to put in a new Fram Replacement Cartridge when the oil shows dirty on the dip-stick. Just do one of two things now:

(1) If your car has no oil filter, get a Fram. (2) If your car has an oil filter, replace the dirty filtering element with a genuine Fram Replacement Cartridge. The pictures on this page explain why, by doing either of these things, you'll save money, save oil, and save your motor. See a Fram Authorized Dealer today.

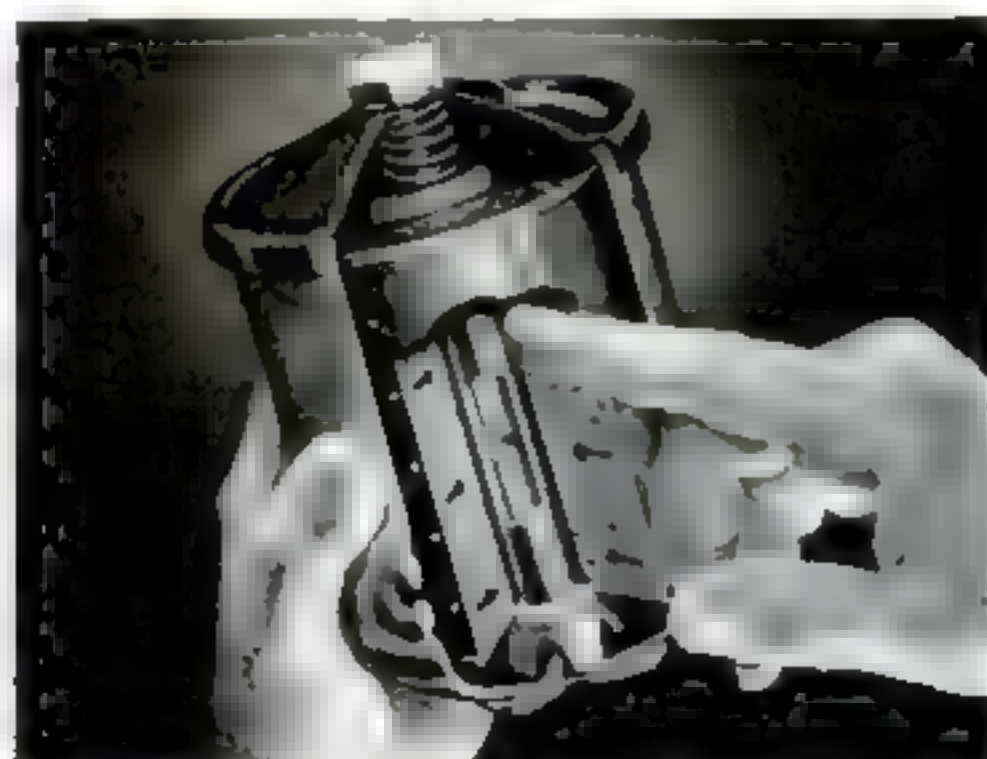
**FRAM CORPORATION, PROVIDENCE, R. I.**  
Canadian Distributor: J. C. Adams Co., Ltd., Toronto, Ont.



**HOW FRAMS SAVE MOTORS AND MONEY:** In normal operation, your motor oil becomes contaminated in three ways: (1) By dust, grit, carbon and other abrasives which *grind away* motor parts; (2) by thick, sticky sludge which hampers free oil flow, causing excessive friction that *wears away* motor parts; (3) by harmful acids and corrosives which *eat away* motor parts. A Fram Oil & Motor Cleaner, or a genuine Fram Replacement Cartridge for your present filter, prevents needless wear and trouble by guarding your motor against *all three!* The Dip-Stick tells the story!



**WHAT MOTOR FLEET OWNERS SAY ABOUT FRAM:** Many operators of big fleets of cars, taxis, trucks and buses use Frams as standard equipment. A Missouri fleet owner says: "Cuts engine wear in half." A Massachusetts fleet says: "Accounted for considerable improvement in elapsed mileage before new rings were installed." A California fleet says: "Wear found to be 3 to 4 times more on engines not equipped with Frams." A South Dakota fleet says: "Operate vehicles 200,000 miles and more since using Frams before being obliged to rebore." Protect your motor—with a Fram.



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**GUARANTEED TO SAVE YOU MONEY:** Drive in where you see the Fram Authorized Dealer Sign. Have a Fram installed on your motor. It's Guaranteed. You can have your money back if, within 90 days, you decide that you can afford to drive without it. . . . Or, if you already have a filter on your car, get a Fram Dip-Stick Test—Free. If the test shows that the filtering element is dirty, it's time to get a genuine Fram Replacement Cartridge.





STUDENTS AT THE UNIVERSITY OF NEVADA STRUNG UP AND DOWN A MOUNTAIN SIDE, FORM A BUCKET BRIGADE TO CARRY WHITEWASH TO PAINT A HUGE "N" ABOVE THE SCHOOL.



At 7:30 in the morning, students stand in the early mist with bowed heads at a benediction service before statue of John W.

Mackay by Gutzon Borglum, which Mackay's widow and son presented to the University, along with the Mackay School of

Mines. Irish-born John Mackay used the fortune he got from Comstock lode to found the great Postal Telegraph system.





FRESHMEN WHO FAILED TO SHOW UP WERE DUNKED IN LAKE



SHIRLEY HUBER, MACKAY DAY QUEEN, WALKS DOWN AN AISLE OF BROOMS USED IN CAMPUS SCRUBBING CEREMONIES

## *Life Goes to Mackay Day at University of Nevada*

**Horseplay, beards and pioneer costumes help students to re-create days of the Comstock lode**

**T**he University of Nevada, in Reno, is young and small as universities go, but exceedingly robust. Each year as spring begins its male students lay aside their razors and let their beards grow long in preparation for the annual celebration of Mackay Day in honor to the famous family who have been the University's greatest benefactors. The late Clarence H. Mackay, head of

Postal Telegraph and his widowed mother, wife of the brawny, hardrock miner, John Mackay, who built a great fortune on the gold in the Comstock lode, donated more than \$2,000,000 to the institution in buildings, endowments and other facilities.

Mackay Day itself was this year, as always, a rip-roaring students' re-creation of frontier mining days in

Nevada. The night before, girls and boys in work clothes whitewashed a huge "N" on a mountainside. Next morning after a benediction ceremony before John Mackay's statue, classes were dismissed and students gave themselves over to a day of horseplay. The beardless were "dunked" in a lake, the campus was scrubbed and tired Nevadans wound up at an old fashioned frontier ball.



Costumes were worn to class by both sexes. Some professors grew beards too. All of them dismissed classes for day.



Frontier costumes like these were worn everywhere for two days, later judged in a contest. Each fraternity staged a "pioneer days" skit.



Dude on donkey gave a lady a ride to class. Wearing neckties was frowned upon during activities of "cleanup day."





*Treat your feet—YES, YOUR FEET—to . . .*

## CREAM 'n COFFEE

HERE'S A FASHION STORY that makes sense—good, substantial sense.

CREAM 'N COFFEE is a swell-looking shoe combination, as you can see simply by looking at the picture. But more—it fills a need you've probably sensed for a long time.

CREAM 'N COFFEE blends with your grays and blues and browns and tans, something no other combination can quite do. And since most of your spring and summer suits, coats and slacks are in those colors, it just makes good sense to have this new combination in shoes.

RIGHT? Then treat your feet to Cream 'n Coffee Bostonians. Designed to look right—Walk-Fitted to Fit and Feel right, in action.

YOUR FIRST ORDER of Cream 'n Coffee is Walk-Fitted Nyland, shown above. Wingtip oxford, bootmaker trim. And—above all—the famous Bostonian Tred-Flex construction that bends at the slightest hint from your foot.

*Bostonians . . . Whitman, Mass.*

SPORT—that's *Balance*, easy-going saddle oxford in Cream 'n Coffee with thick rubber sole, Walk-Fitted.

FOR BUSINESS & LEISURE—pick *Kenyon*—good-looking wingtip oxford in Cream 'n Coffee. Fits and Feels right!

RELAXATION—that's what you get in Walk-Fitted Bostonians. *Breezeway* is a moccasin type in Cream 'n Coffee.



### Good to the Last "Step"

Cream 'n Coffee shoes, like all Bostonians, give you comfort from the first step to the last. They fit right, feel right because they're Walk-Fitted for action. \$8.95 to \$12.00



# Bostonians

FIT RIGHT • FEEL RIGHT *They're Walk-Fitted*

## Mackay Day (continued)

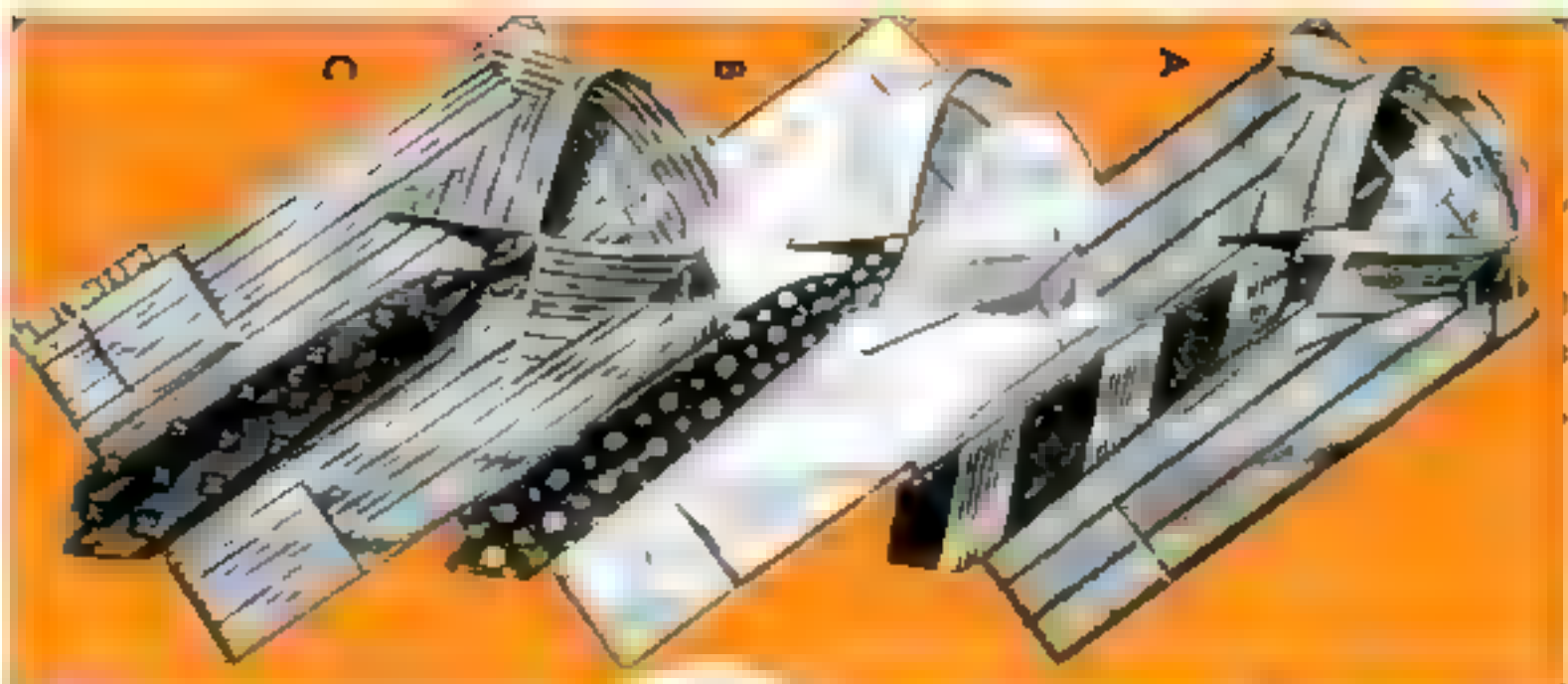


Dunking in the lake was the penalty either for shaving off a beard or being unable to grow one. It was applied rigorously in all cases, including that of a Chinese student



Swatting was administered by an indignant beard-wearer, by custom entitled to immunity from "laking," to man who pushed him in. Freshmen were paddled in droves.





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they won’t shrink”***

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Here they are simply using Arthur's salute to the gods as a shorthand way to say "squirrels have been having a party." • A wide range of social patterns are depicted in *Picture a Day*—from the "carnival" appearance of a 4-wheel truck to a pig and a willing • *Picture a Day*

In every part of the world of literature worth reading, however, a reader's selection of the right material is almost always made for him or her by the publisher. Also, the publisher is the one who is responsible for the work's distribution, and it is he who determines the price.



to whom nature had deigned her sole adoration. Since the lake was uncut, those who were "asked" grew resentful and pushed others in, after them in a general mas-

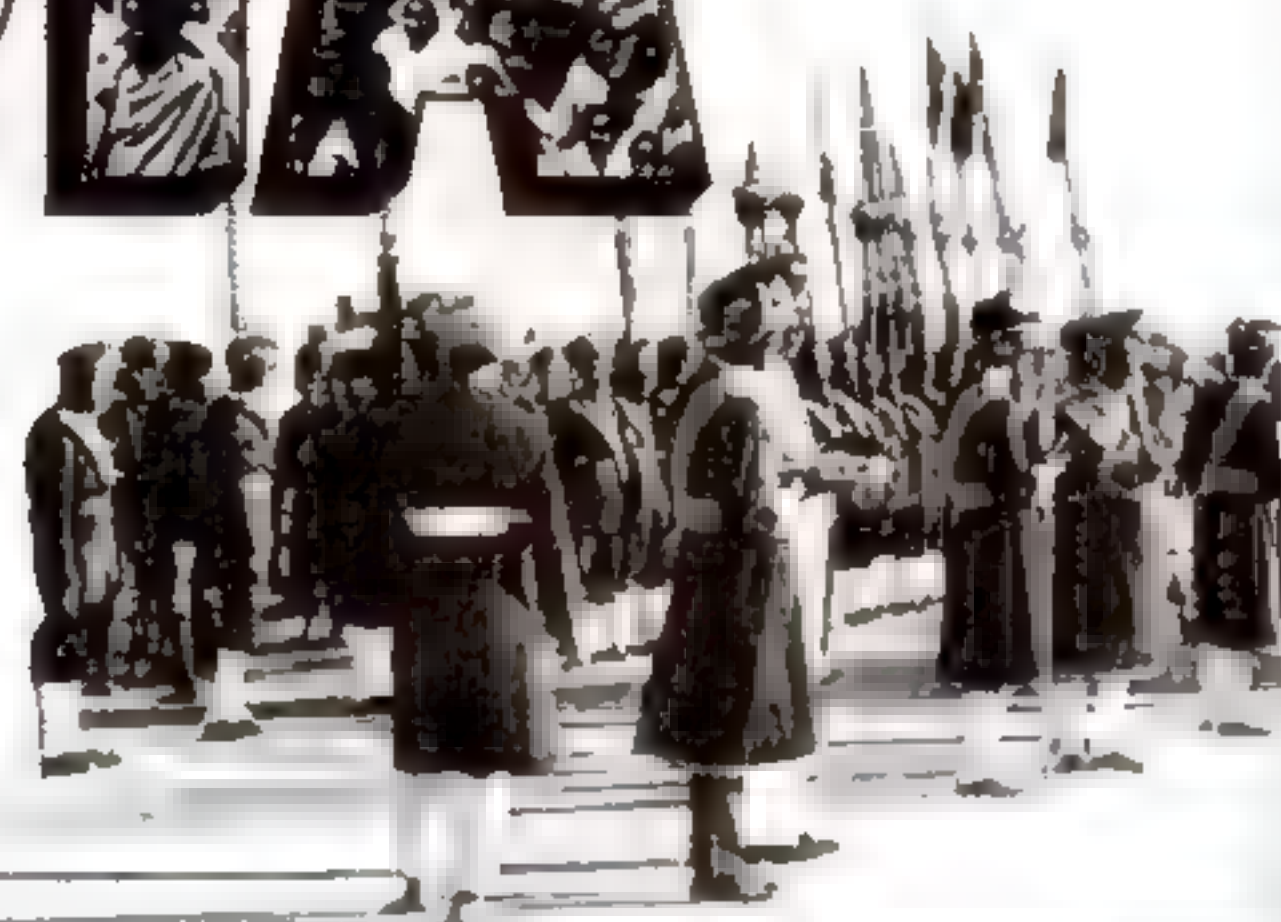


The "circle jerks," a new variation on the age-old spin-the-bottle kissing game, found high favor. A girl is spun on the base of her spine, kisses man to whom her toes point.



# THE MARCH OF TIME

## INDIA



**T**he fate of the Americans who are fighting with the United Nations on the frontiers of India is inseparably linked with the story of India—India in Crisis and India at War.

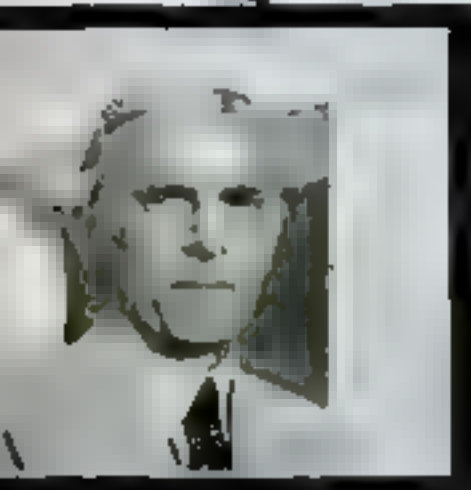
Only through the medium of pictorial journalism, invented and perfected by *The March of Time*, could this complex story be presented so dramatically and so clearly.



**For the millions of Americans who seek intelligent entertainment on the motion**



presents . . .



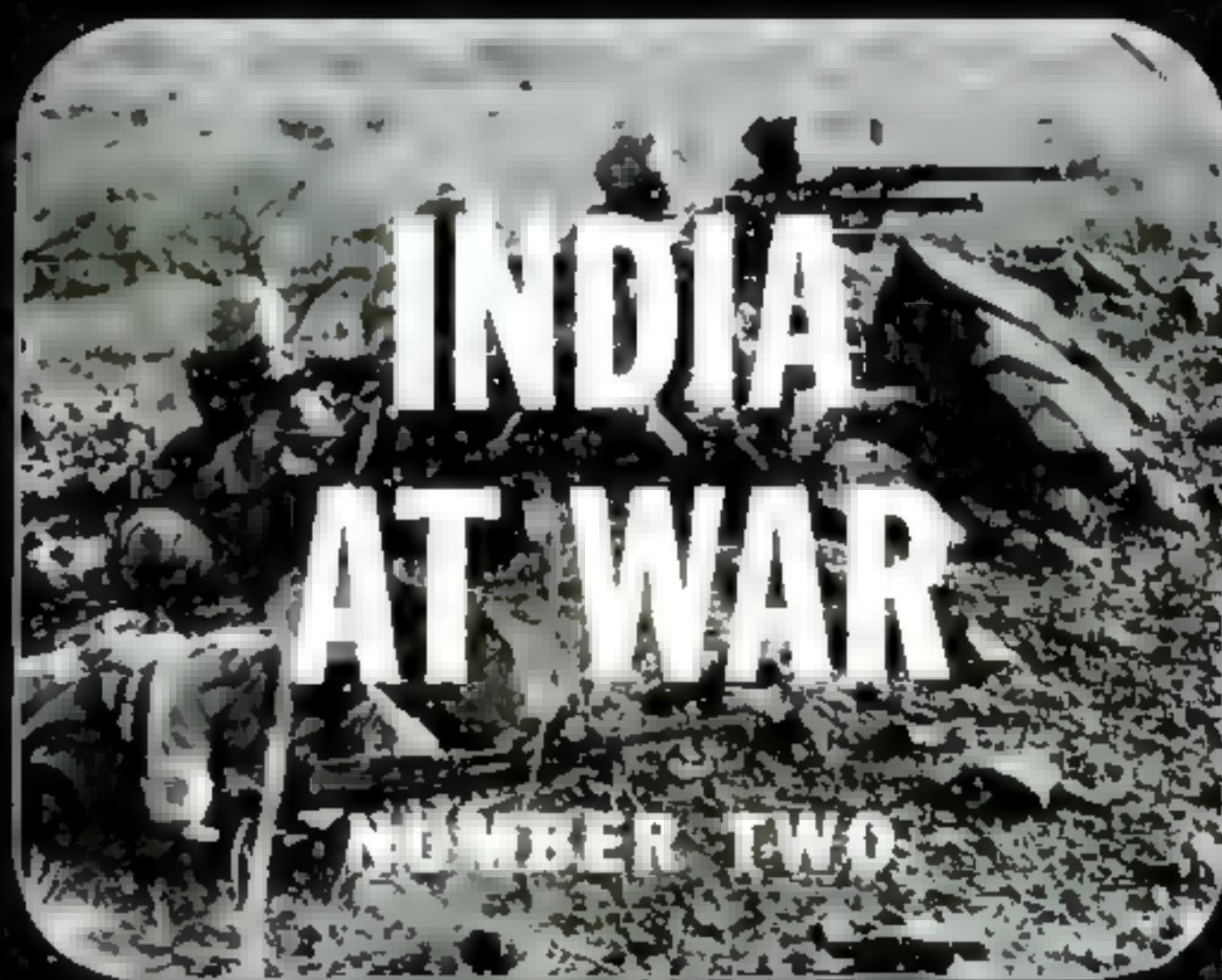
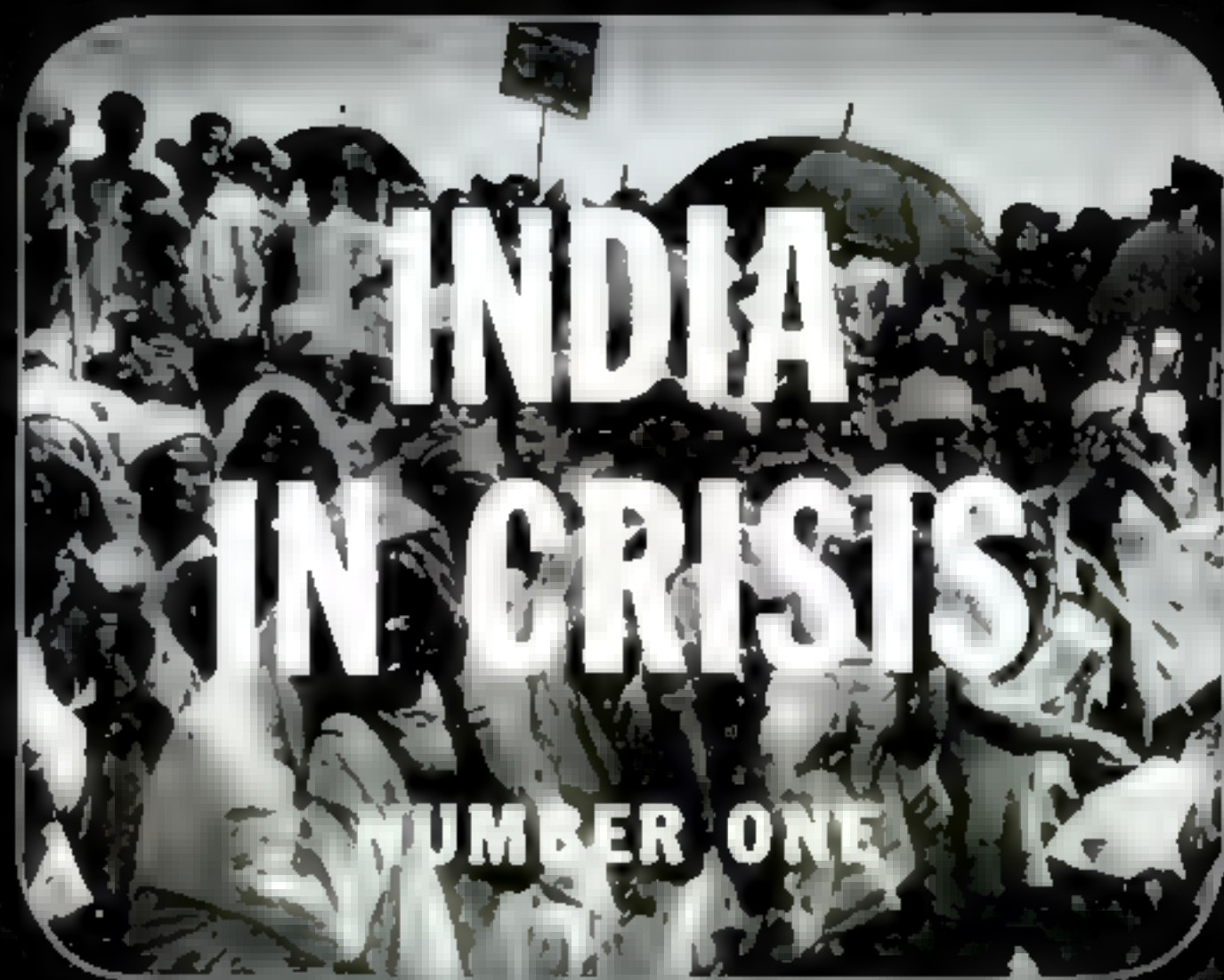
picture screen



## IN TWO SEPARATE COMPLETE ISSUES

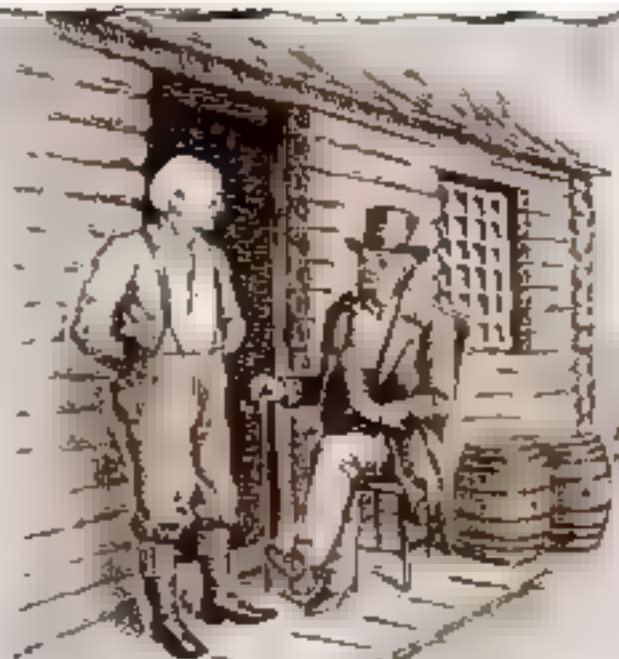
From its own staff cameraman, assigned to the vital newsfronts of India, The March of Time has received film coverage so timely and so revealing that the story it tells demands extra time on your theatre screen.

Breaking all its own precedents The March of Time is releasing the story of India in two issues—each of them a complete story in itself, each different.



Your theatre manager can tell you now  
when he will show each of these issues.





Daniel Webster enjoying one of his frequent visits to the small distillery of his friend, James Crow, on Glenn's Creek, Frankfort, Kentucky, on the exact site where today's Old Crow is distilled.

"The finest whiskey  
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*is what Daniel Webster  
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## PICTURES TO

### UNDER THE UNION JACK

Sirs

Here are pictures of a glamor girl, a young matron and a warrior in a tribal village of the Anglo-Egyptian Sudan. I visited this village near a British Army base last winter, and I was surprised to see what little effect the customs and culture of the north had on the tribesmen of the Sudan.

Most of the men in this particular village were members of the Equatorial Corps, volunteer troops of the Sudan Defense Corps, and had served along with British troops. They are good soldiers, intensely loyal to England. But on their days off they discard their snappy Corps uniforms for native undress, beat their drums and have tribal dance festivals. Star performer of these shindigs is the 6-ft. beauty you see smoking her pipe.



6-FT. SUDANESE BALLERINA, WAITS FOR HER CUE TO GO INTO THE DANCE



# THE EDITORS

In this picture, Her name is Flo—one concession, perhaps, to European culture. The pipe she smokes is not in her mouth, but inserted through a hole in her lower lip. Tribal warriors beat out African jitterbug rhythms, get the dance going before Flo comes in for her solo. When the "chorus" is worked up to a high note, Flo comes into the circle with short steps and rolling hips to take over the center of the stage. She gets the

attention and admiration of a ballerina. The other pictures are just a little glimpse into family life in the Sudan. At first look one would think the young mother was carrying a basket on her back, but it's an easy way to carry the baby and shield it from the blistering sun.

JAMES JARCHÉ

London, England



YOUNG MOTHER USES CALABASH TO PROTECT CHILD FROM HOT DESERT SUN



A SERGEANT OF THE SUDANESE EQUATORIAL CORPS TAKES A LOOK AT HIS SON



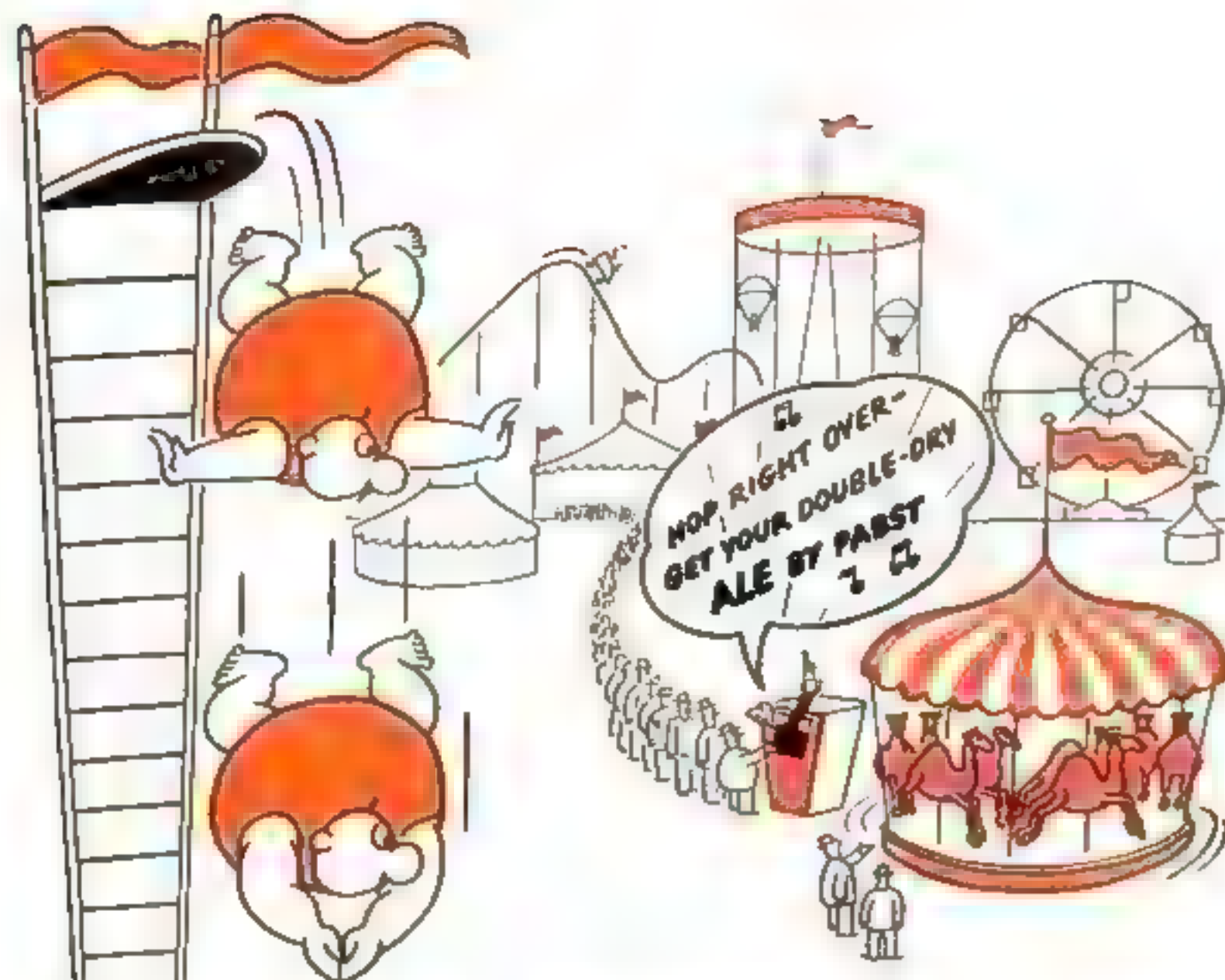
The Parade of the Seasons does not disturb the slumbers of Briggs' choice golden tobaccos, which sleep on for years in fragrant casks of oak . . . gathering extra mellowness, losing all harshness.

Briggs is cask-mellowed for years (longer than many luxury-priced blends). You can enjoy the flavor difference it makes . . . for only 15¢ a tin.

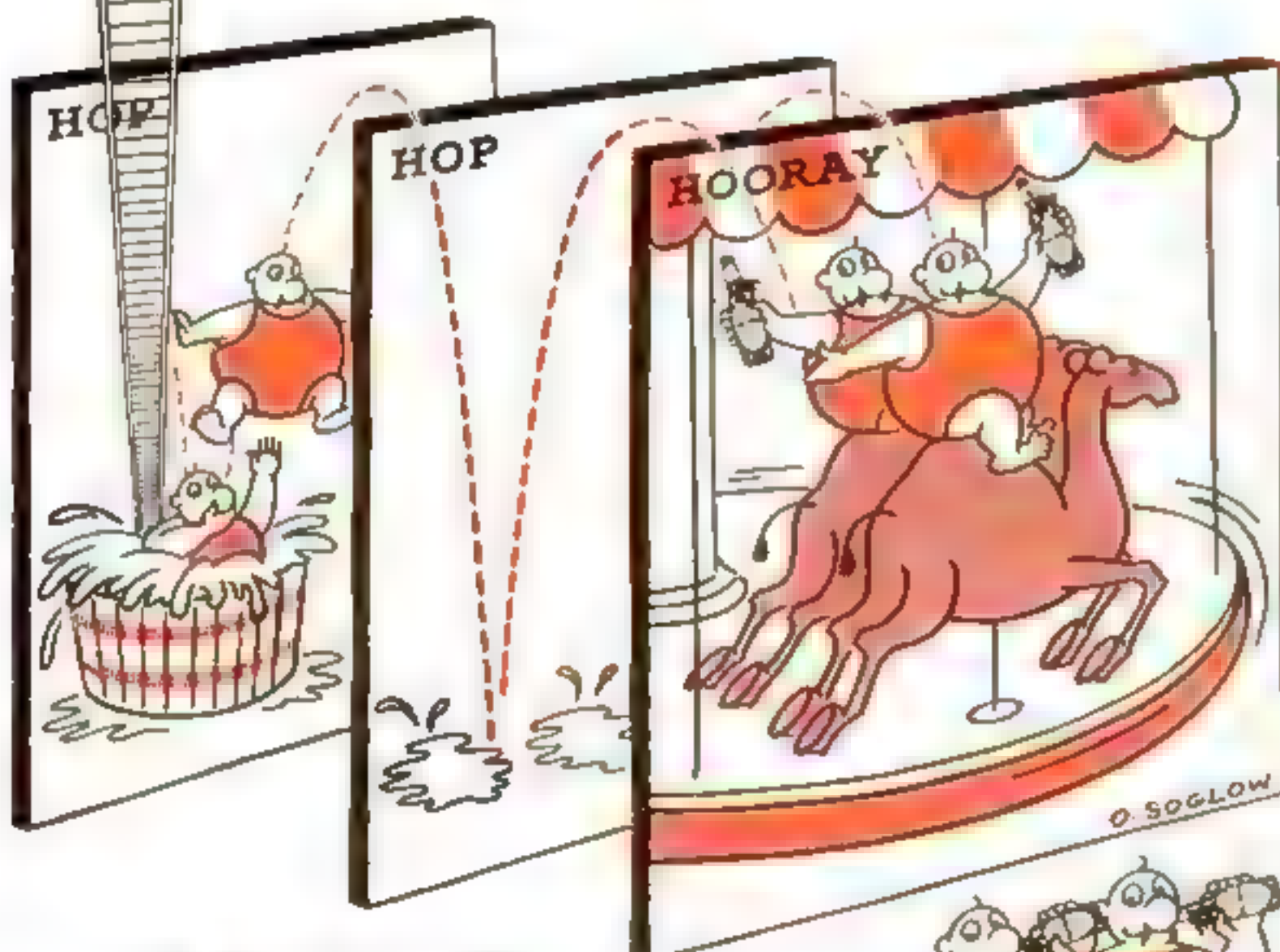


CASK-MELLOWED EXTRA LONG FOR EXTRA FLAVOR





**"DOUBLE-HOPPED" is why  
it's DOUBLE-DRY ★ ★**

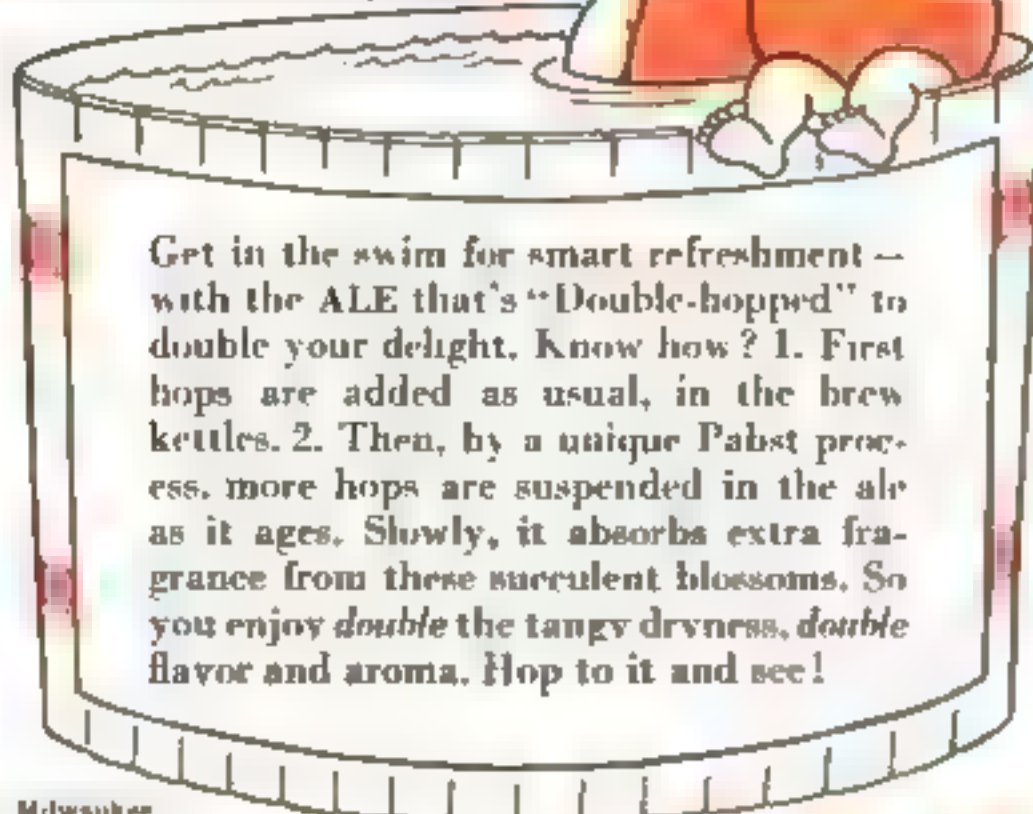


**..and Double-Flavored, too!**

FULL SIZE  
BOTTLE—  
Also 32  
oz. full  
up size



NEW CLUB SIZE—  
Also 32  
oz. full  
up size



Get in the swim for smart refreshment—  
with the ALE that's "Double-hopped" to  
double your delight. Know how? 1. First  
hops are added as usual, in the brew  
kettles. 2. Then, by a unique Pabst pro-  
cess, more hops are suspended in the air  
as it ages. Slowly, it absorbs extra fra-  
grance from these succulent blossoms. So  
you enjoy *double* the tangy dryness, *double*  
flavor and aroma. Hop to it and see!

Copyright 1942. Pabst Brewing Company, Milwaukee

**Pabst Blue Ribbon ALE**  
DOUBLE-DRY ★ ★

## PICTURES TO THE EDITORS

(continued)

### MIKE'S MISADVENTURES

Sirs:

My son, John Michael is 13 months old that dangerously exploratory age when any given object is combination plaything and food. The object in these pictures is a grapefruit rind, given to John Michael to amuse him while his mother prepared his breakfast. He was delighted with the slippery smooth rind, and like any curious fellow, immediately popped it in his mouth. He didn't think

this new gadget tasted so good, and re-examined it with doubting and dirty looks. Then his new plaything did a strange and awful thing to John Michael—it squirted a stream of stingy juice in his eye. He didn't cry, but my camera caught the hurt surprised expression which proves that John Michael has had enough of this particular plaything for a long time.

JIM WELSH

Baltimore, Md



HMM—WONDER HOW THIS TASTES



UGH—NOT SO GOOD. WHAT IS IT?



OUCH—THAT'S NOT FAIR. SOMETHING HIT ME IN THE EYE AND IT STINGS



## No Messy Work-

It's not hard work to keep toilets sparkling-clean and sanitary. You don't have to scrub and scour. Don't even touch the bowl with your hands. Sani-Flush is made especially to remove film, stains and smears from toilets. Use Sani-Flush at least twice a week.

## Toilets Glean like New—

Don't confuse Sani-Flush with ordinary cleansers. It works chemically. Even cleans the hidden trap. (Also cleans out auto radiators thoroughly.)

Sani-Flush is absolutely safe in septic tanks, toilet connections and auto cooling systems when used according to directions on can. Sold everywhere in two convenient sizes. The Hygienic Products Company, Canton, Ohio.



**Sani-Flush** CLEANS TOILET BOWLS WITHOUT SCOURING

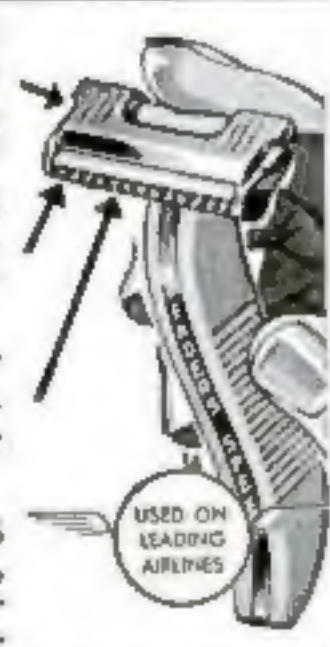
## A NEW "ANGLE" FOR SPEEDY SHAVES

CLICK! Blade "clicks" in! New type head—checked to 1/1000 inch assures correct "angle" for clean, speedy shaves the first time over!

QUICK! World's lightest razor! Gives instant pressureless shaves. Banishes "razor burn." Simple one-piece construction. Easy to clean.

SLICK! Sensational "nick-proof" guard protects blade corners. Permits close shaves without cuts or scrapes... eliminates clogging.

ENDERS FLYING KIT: Shaver, 6 blades, cream, lotion, comb, smart case, \$1. Semi-automatic Strop, \$1. Post Paid.



## ENDERS SPEED SHAVER

gives wings to your morning shave  
MADE BY DURHAM DUPLEX RAZOR CO., DEPT. 8, MYSTIC, CONN.

## CORNS

and Calluses quickly removed with MOSCO Relieves Ingrown Nails. Easy to use. Just rub on. At your Druggist, Jars, 30c, 50c. Money refunded if not satisfied. The Moss Co., Rochester, N. Y.

## MOSCO CORN REMOVER



## PICTURES TO THE EDITORS

(continued)

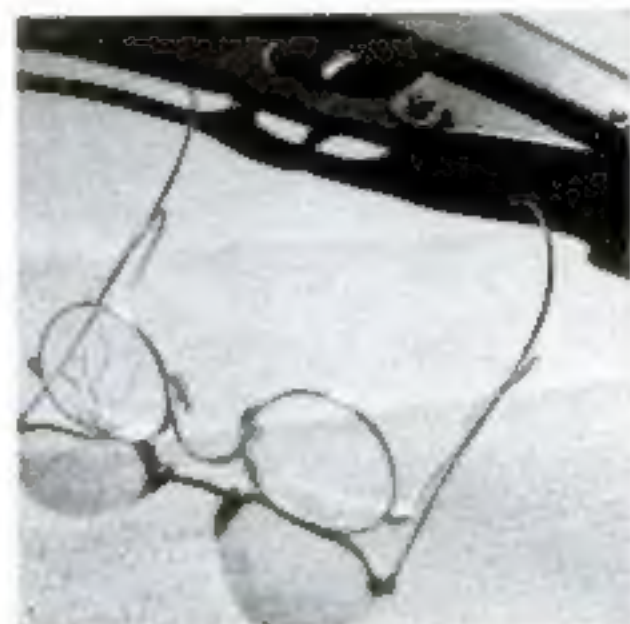
### BOB AGAIN

Sirs:

Remember the pictures of our son Bob selling seeds to win an air rifle (LIFE, March 30)? Here's the sad sequel. Bob got hurt in target practice, so he's planting instead of selling seeds now.

H. CARL SCHMIDT

New Ulm, Minn.



BE BOUNCED AND HIT BOB'S GLASSES



FAMILY COMFORTS THE SICK-A-BED



BOB'S O. K. NOW, BUT NO MORE GUNS



HE HAS A VICTORY GARDEN INSTEAD



No, no, love, not BUGS...I said  
I was having trouble with the PLUGS!!

**MISTAKES WILL HAPPEN!**  
SO...FOR LONG CAR LIFE  
BE SURE YOU—  
**PENNZOIL**

OVER 700 CHANCES FOR ERROR...IF YOU'RE NOT CAREFUL!

• Yes, if you just ask for "Pennsylvania oil" you may get any one of more than 700 different brands. You don't have to take that 700 to 1 chance, and this looks like a good time to avoid it.

When you sound your "Z" for

PennZoil motor oil, you have the satisfaction of knowing that your engine is as well lubricated as any on the road. That it will give you all the trouble-free miles it has. And that you have taken care to conserve your car for those last thousands of miles when you may need it badly.

Better chassis and gear lubricants are as important to long car life as is better motor oil. You can get them both at the yellow PennZoil oval sign. Just be sure to sound your "Z"—and avoid mistakes.



Be Oil-wise  
Sound your "Z"



### WHY IT'S BETTER FOR YOUR ENGINE

Much wear in modern engines starts with oil breaking down to form sludge and varnish on vital surfaces.

Because of its 3 extra refining steps, PennZoil resists sludge and varnish. Your engine stays cleaner and therefore lasts longer.

THESE  
3 EXTRA STEPS  
MAKE PENNZOIL

← OTHERS STOP HERE

← REFINING OF PLAIN OIL ENDS HERE

**GIVES YOUR ENGINE AN EXTRA MARGIN OF SAFETY.**

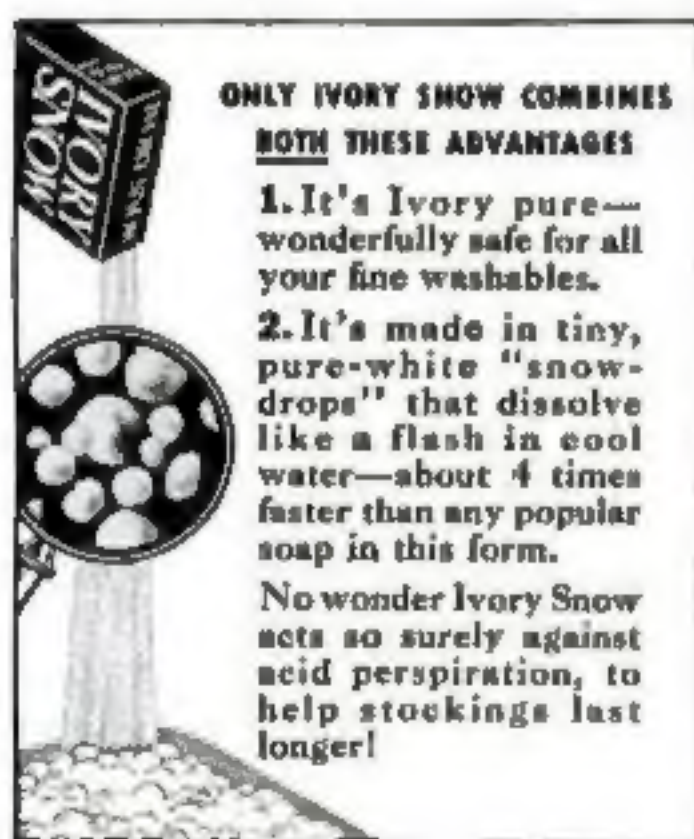


# PERSPIRATION IS ACID

## ...it *WRECKS* stockings!



Only Ivory Snow combines 2 advantages you'll want in fighting this danger! Read how to get up to **20% MORE WEAR!**

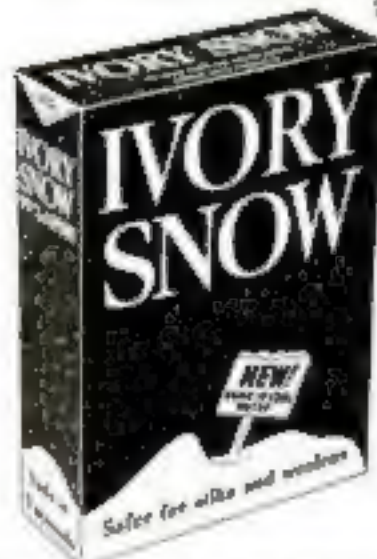


### ONLY IVORY SNOW COMBINES BOTH THESE ADVANTAGES

1. It's Ivory pure—wonderfully safe for all your fine washables.
2. It's made in tiny, pure-white "snowdrops" that dissolve like a flash in cool water—about 4 times faster than any popular soap in this form.

No wonder Ivory Snow sets so surely against acid perspiration, to help stockings last longer!

"Fight runs today my easy way!"  
—Miss Ivory Snow



### WANT LOVELIER HANDS IN 12 DAYS?

If your hands are red and rough from using one of those strong laundry soaps—change to pure Ivory Snow for all your dishwashing. It cuts grease as fast as the strongest washday soap. And in just 12 days you'll get softer, smoother hands!



TRADEMARK REG. U. S. PAT. OFF. © PROCTER & GAMBLE

**99% PURE RICH SUDS IN JUST 3 SECONDS—EVEN IN COOL WATER!**

## PICTURES TO THE EDITORS

(continued)

### FOSTER FATHER

Sirs:

George is a pet baboon at the Caledonia Prison Farm in eastern North Carolina. He's a paternally minded sort of guy, as you can see in this picture. While he was sitting on a fence bordering one of the farm's pastures one day, George watched a mother goat give birth to a kid, then calmly walk away leaving the little fellow bleating pitifully. This was more than an affectionate fellow like

George could take. He clambered down, took the kid in his arms and immediately became a doting foster father. George was indignantly rebellious several days later when prison officials tried to take the kid back to its mother. A working agreement has now been arranged so that George gets to play with the kid every day. I took this picture of George and his stepchild when the kid was days old.

BILL BAKER

Raleigh, N.C.



### NOSEY ROACH

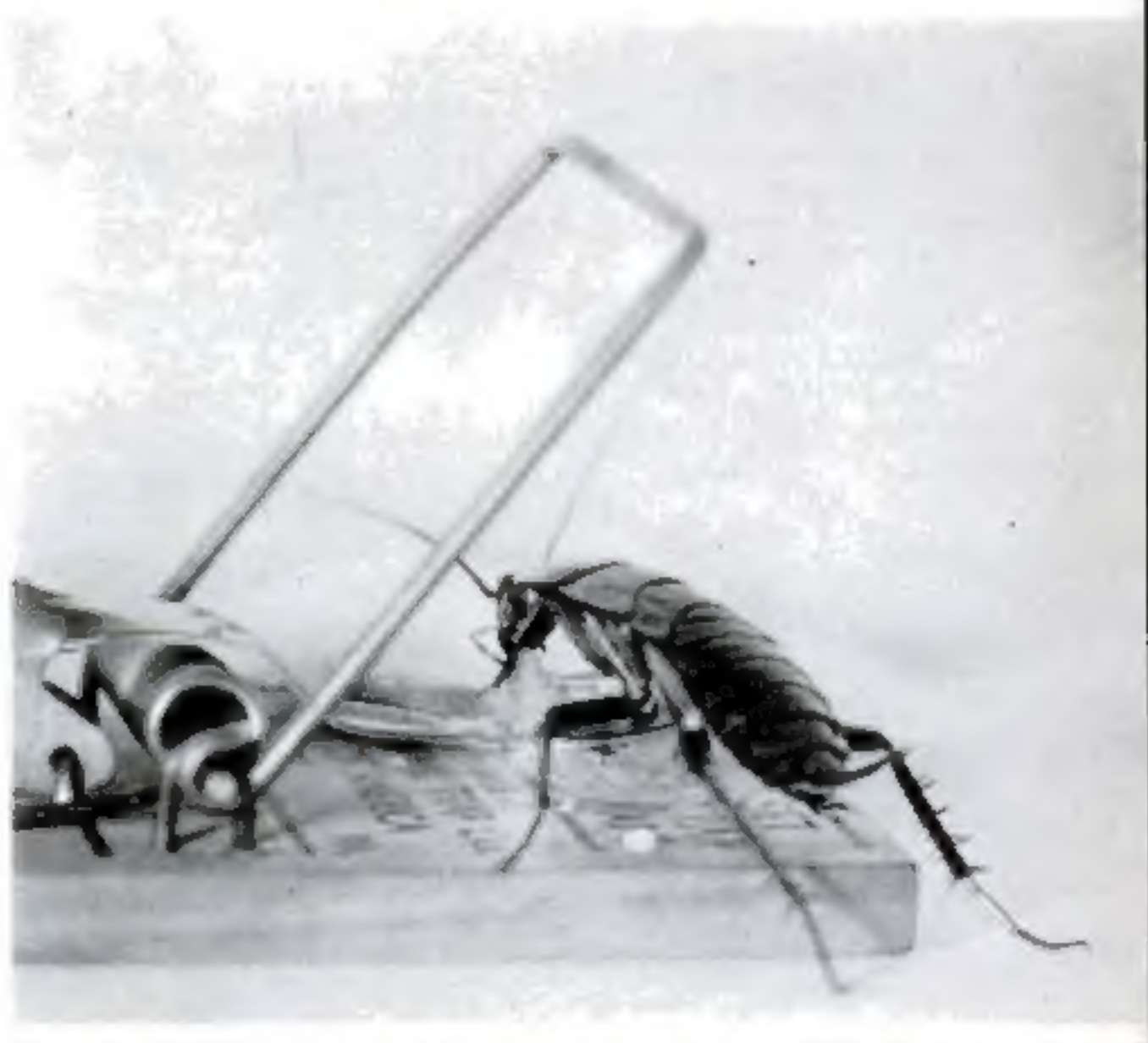
Sirs:

Several weeks ago I went to elaborate lengths to get a picture of a mouse being caught in a trap. I set a trap with cheese bait in my darkroom, and arranged the bait holder so that it would close the circuit to a flash bulb when pushed down. Then I left my camera with lens opened and went off to wait for my portrait of a

mouse. Here you see the reward of all my labors. I don't know whether my mouse was prowling that night or not, but in any case this little beast got there first. This cockroach looks so big in this picture I'm wondering now if those were his footsteps, and not a mouse's I had been hearing in my darkroom.

W. A. PEAK

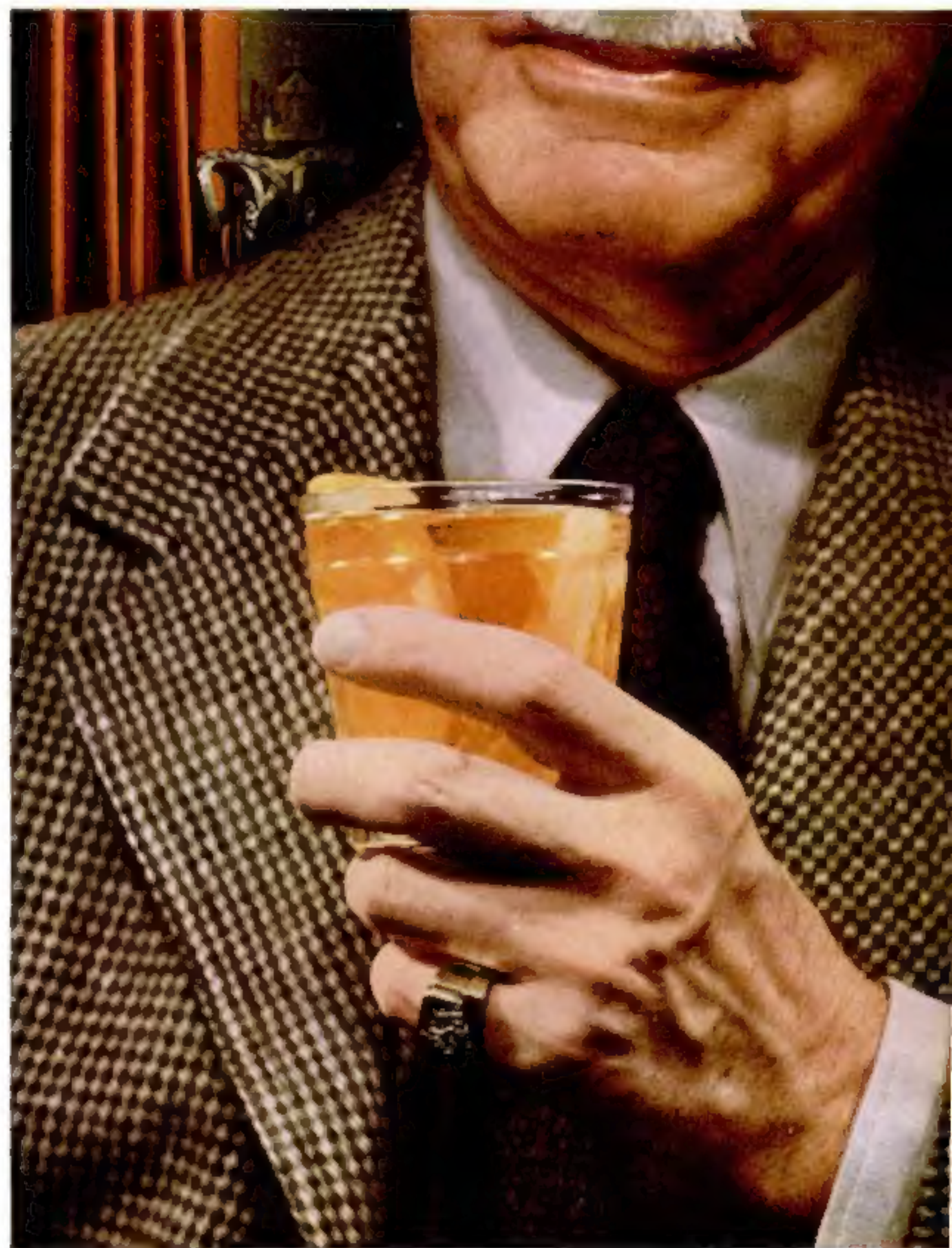
Galesburg, Ill.



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*Pour it with Pride...*



Because it is unexcelled in  
taste and in quality, I. W. Harper has been awarded  
gold medals at many great international expositions ....  
in making I. W. Harper cost is no object ...

*Drink it... with Pleasure!*

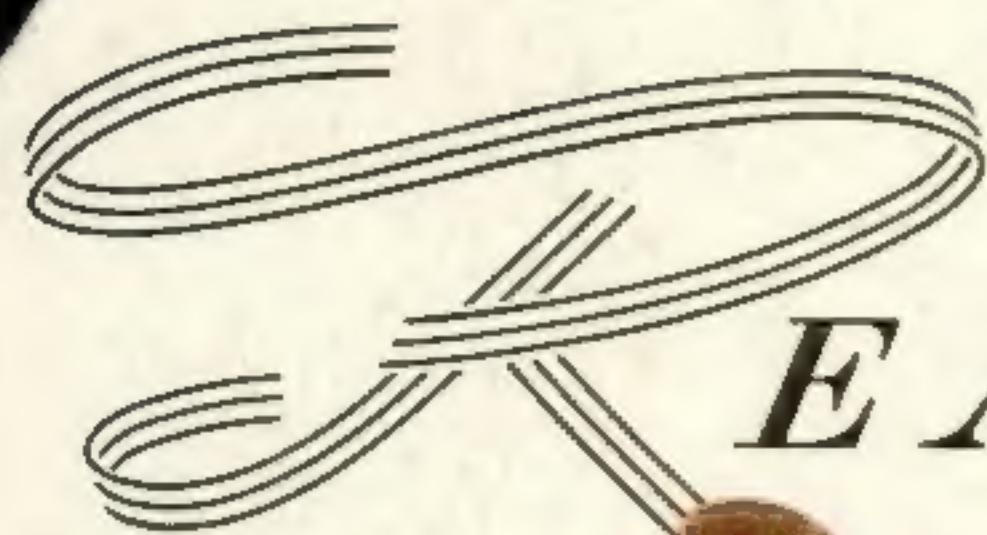
**I. W. HARPER**  
*The Gold Medal Whiskey*

Kentucky Straight Bourbon Whiskey, Bottled in Bond



100 Proof, Bernheim Distilling Co., Inc., Louisville, Ky.





# REALSILK comes to you

*now featuring smart apparel, lingerie and hosiery in its more-timely-than-ever Shop-at-Home Service*

When you pick up your phone and call Realsilk you bring the smartest of New York styles right into your living room. Just think—without an added mile on your tires, without extra wear on your shoe leather, you can have the thrill of selecting perfectly coordinated ensembles—dresses, suits, turbans, gloves, bags, stockings—even costume jewelry—all related one to the other—all created by famous New York designers exclusively for Realsilk and you. Realsilk's expanded Shop-at-Home Service also brings you a complete line of glamorous lingerie, smart sports apparel and accessories.



**Designed for Action.** A beautifully tailored one-piece dress with soft, shirred fullness, with slim, easy-to-wear and flattering lines. Rayon jersey material is wrinkle-resistant yet cool as linen. Large, comfortable slash pockets. Comes in navy, neutral beige or powder blue (illustrated).



**Interchangeable shirt-stud buttons.** Plain matching buttons for sports and casual wear. Smart bowknots of contrasting shade.



*Realsilk carries on its tradition of quality hosiery. Realsilk's wardrobe method of buying saves you time and gives you greater style assurance.*

**Specializing in lingerie.** Here is one of many slips offered by Realsilk this season. Beautifully tailored rayon crepe with dainty embroidery. Cut with straight front and bias back to prevent riding up. Laboratory tested for strength and washability. Tea rose, navy or white.

*This is the precious car you don't have to use when you shop at home with Realsilk. Just call the Realsilk branch sales office in your city listed under Real Silk Hosiery Mills.*



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